

Pharmacies. k.
Ὠλύμπια Δώματα.

OR, AN

ALMANACK

For the YEAR of

OUR LORD GOD, 1745.

being the first after Bissextile, or Leap-Year.

And from the World's Creation, 5749.

Wherein is contained the Lunations, Conjunctions, Aspects, and Effects of the Planets; the Increase, Decrease, and Length of the Days and Nights; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous University) whose Latitude is 52 deg. 40 min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

*Heaven's Volumes are epitomized here,
To shew th' exact Description of the Year.*

By TYCHO WING, *Philomath.*

L O N D O N:

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Common NOTES for this present Year 1745

English or Old Account.		Foreign or New Account.
17	Golden Number	17
18	Cycle of the Sun	18
7	The Epacts	26
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24	Number of Direct	28
8	Roman Indiction.	8

A Table of TERMS and their Returns.

Hilary-Term begins *Jan. 23*, ends *Feb. 12*.

Returns or Bifolgn-days.		Exc.	Ret.	Ap.	W.
In eight days of <i>St. Hilary</i> ,	<i>Jan. 20</i>	21	22	23	W
From the day of <i>St. Hilary</i> , in 15 days,	27	28	29	30	W
On the morrow of Purif. of the <i>B. Mary</i> , <i>Feb. 3</i>	4	5	6	7	W
In 8 days of the Purif. of the <i>Bless. Mary</i> ,	9	10	11	12	T

Easter-Term begins *May 1*, ends *May 27*.

From the day of <i>Easter</i> , in 15 days,	<i>April 28</i>	29	30	1	W
From the day of <i>Easter</i> , in 3 weeks,	<i>May 6</i>	6	7	8	W
From the day of <i>Easter</i> , in one month,	12	13	14	15	W
From the day of <i>Easter</i> , in five Weeks,	19	20	21	22	W
On the morrow of the <i>Ascension</i> ,	24	25	26	27	M

Trinity-Term begins *June 14*, ends *July 3*.

On the morrow of the Holy Trinity,	<i>June 10</i>	11	12	14	F
In eight days of the Holy Trinity,	16	17	18	19	W
From the day of the Holy Trin. in 15 days,	23	24	25	26	W
From the day of the Holy Trin. in 3 weeks,	30	1	2	3	W

Michaelmas-Term begins *October 23*, ends *Nov. 28*.

From the day of <i>St. Mich.</i> in 3 weeks,	<i>Oct. 20</i>	21	22	23	W
From the day of <i>St. Michael</i> , in 1 month,	27	28	29	30	W
On the morrow of <i>All-Souls</i> ,	<i>Nov. 3</i>	4	5	6	W
On the morrow of <i>St. Martin</i> ,	12	13	14	15	F
In eight days of <i>St. Martin</i> ,	18	19	20	21	T
From the day of <i>St. Martin</i> , in 15 days,	25	26	27	28	T

N. B. No Sittings in *Westminster-Hall* on *Ascension-day*, *Midsummer-day*, the 1st and 2d of *November*, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except *Trinity* before which it opens but four Days.

Note, That the first and last Days of every Term are the Days of Appearance.

W I N G. 1745.

The Regal Table.

Year, Month, and Day, in each King and Queen Year to begin Jan. 1.			Length of each Reign, accountin. 28 D. a Month.			Number of Years expired since they began to Reign.	
Y.	M.	D.	Y.	M.	D.	Beg Kings Names	
1066	Oct.	14	20	11	22	679 William	1
1087	Sept.	9	12	11	18	658 William	2
1100	Aug.	1	35	4	12	645 Henry	1
1135	Dec.	2	18	11	19	610 Stephen	
1154	Oct.	25	34	9	2	591 Henry	2
1189	July	6	9	9	22	556 Richard	1
1199	April	6	17	7	1	546 John	
1216	Oct.	19	56	1	1	529 Henry	3
1272	Nov.	16	34	8	9	473 Edward	1
1307	July	7	19	7	6	438 Edward	2
1327	Jan.	25	50	5	7	418 Edward	3
1377	June	21	22	3	16	368 Richard	2
1399	Sept.	29	13	6	4	346 Henry	4
1413	Mar.	20	9	5	24	332 Henry	5
1422	Aug.	31	38	6	17	323 Henry	6
1461	Mar.	4	22	1	8	284 Edward	4
1483	April	9	0	2	18	262 Edward	5
1483	June	22	2	2	5	262 Richard	3
1485	Aug.	22	23	8	19	260 Henry	7
1509	Apr.	22	37	10	1	236 Henry	8
1547	Jan.	28	6	5	19	198 Edward	6
1553	July	6	5	4	22	192 Q. Mary	1
1558	Nov.	17	44	4	15	187 Q. Elizabeth	
1603	Mar.	24	22	0	3	142 James	1
1625	Mar.	27	23	11	1	120 Charles	1
1649	Jan.	30	36	0	7	96 Charles	2
1685	Feb.	6	4	0	17	60 James	2
1689	Feb.	13	13	0	14	56 William	3
1702	Mar.	8	12	5	6	43 Q. Anne	
1714	Aug.	1	12	11	6	31 K. George	1
1727	June	11	Whom God grant long to reign.				

WING 1745.

A Table of Simple Interest at 5 per Cent.

Princi- pal.	A Week.	One Month.	Two Months.	Three Months.	Six Months.	Nine Months.	A Year.
	s. d. q.	s. d. q.	s. d. q.	s. d. q.	s. d. q.	s. d. q.	s. d.
Shillings							
5	0 0 0	0 0 1	0 0 2	0 0 3	0 1 2	0 2 1	0 3 0
10	0 0 0	0 0 2	0 1 0	0 1 2	0 3 0	0 4 2	0 6 3
15	0 0 0	0 0 3	0 1 2	0 2 1	0 4 2	0 6 3	0 9 4
Pounds							
1	0 0 1	0 1 0	0 2 0	0 3 0	0 6 0	0 9 0	1 0 0
2	0 0 2	0 2 0	0 4 0	0 6 0	1 0 0	1 6 0	2 0 0
3	0 0 3	0 3 0	0 6 0	0 9 0	1 6 0	2 3 0	3 0 0
4	0 1 0	0 4 0	0 8 0	1 0 0	2 0 0	3 0 0	4 0 0
5	0 1 1	0 5 0	0 10 0	1 3 0	2 6 0	3 9 0	5 0 0
6	0 1 2	0 6 0	1 0 0	1 6 0	3 0 0	4 6 0	6 0 0
7	0 1 3	0 7 0	1 2 0	1 9 0	3 6 0	5 3 0	7 0 0
8	0 2 0	0 8 0	1 4 0	2 0 0	4 0 0	6 0 0	8 0 0
9	0 2 1	0 9 0	1 6 0	2 3 0	4 6 0	6 9 0	9 0 0
Tens of Pounds							
10	0 2 2	0 10 0	0 18 0	0 26 0	0 50 0	0 76 0	1 00 0
20	0 5 0	0 18 0	0 34 0	0 50 0	0 100 0	0 150 0	2 00 0
30	0 7 2	0 26 0	0 50 0	0 76 0	0 150 0	1 10 0	3 00 0
40	0 10 0	0 34 0	0 68 0	0 100 0	1 00 0	1 10 0	4 00 0
50	1 0 2	0 42 0	0 84 0	0 126 0	1 50 0	1 17 6	5 00 0
60	1 3 0	0 50 0	0 100 0	0 150 0	1 100 0	2 50 0	6 00 0
70	1 5 2	0 58 0	0 118 0	0 176 0	1 150 0	2 12 6	7 00 0
80	1 7 0	0 68 0	0 134 0	1 00 0	2 00 0	3 00 0	8 00 0
90	1 9 2	0 76 0	0 150 0	1 26 0	2 50 0	3 76 0	9 00 0
Hundreds of Pounds							
100	2 1 0	0 8 4	0 16 8	1 50 0	2 10 0	3 15 0	4 00 0
200	4 2 0	0 16 8	1 13 4	2 10 0	5 00 0	7 10 0	10 00 0
300	6 3 0	0 25 2	2 10 0	3 15 0	7 10 0	11 50 0	15 00 0
400	8 4 0	0 34 0	3 6 8	5 00 0	10 00 0	15 00 0	20 00 0
500	10 5 0	0 42 8	4 3 4	6 50 0	12 10 0	18 15 0	25 00 0
600	12 6 0	0 51 2	5 00 0	7 10 0	15 00 0	22 10 0	30 00 0
700	14 7 0	0 60 0	5 16 8	8 15 0	17 10 0	26 50 0	35 00 0
800	16 8 0	0 68 8	6 13 4	10 00 0	20 00 0	30 00 0	40 00 0
900	18 9 0	0 77 2	7 10 0	11 50 0	22 10 0	33 15 0	45 00 0
1000	20 10 0	0 86 0	8 6 8	12 10 0	25 00 0	37 10 0	50 00 0

This Table shews the Interest of any Sum of Money from 1 Pound to 1000, from a single Week to a Year; and by the Help of Addition may compute the Interest of any Sum whatsoever, by entering under Word Pounds with your Sum given, and in the Head of your Table the Time, and in the Angle of Meeting, you have your Desire.

EXAMPLE.

Interest of 30 l. $\left\{ \begin{array}{l} \text{for 1 Year} \quad 1 \ 10 \ 0 \\ \text{for 3 Months} \quad 0 \ 7 \ 6 \\ \text{for 1 Week} \quad 0 \ 0 \ 7\frac{1}{2} \end{array} \right\}$ viz. 1 l. 18 s. 1 d.

Table exhibiting at one View the Value of any Number of Pieces of foreign Gold, in English Pounds, Shillings, and Pence.

Portugal	Pieces.	Moidores	Luisd'Ors	Pistoles
at	at	at	at	at
3 l. 12 s.	1 l. 16 s.	1 l. 7 s.	1 l. 4 s.	0 l. 16 s. 6 d.
1	3 12	1 7	1 4	0 16 6
2	7 4	2 14	2 8	1 13 0
3	10 16	4 1	3 12	2 9 6
4	14 8	5 8	4 16	3 6 0
5	18 0	6 15	6 0	4 2 6
6	21 12	8 2	7 4	4 19 0
7	25 4	9 9	8 8	5 15 6
8	28 16	10 16	9 12	6 12 0
9	32 8	12 3	10 16	7 8 6
10	36 0	13 10	12 0	8 5 0
20	72 0	27 0	24 0	16 10 0
30	108 0	40 10	36 0	24 15 0
40	144 0	54 0	48 0	33 0 0
50	180 0	67 10	60 0	41 5 0
60	216 0	81 0	72 0	49 10 0
70	252 0	94 10	84 0	57 15 0
80	288 0	108 0	96 0	66 0 0
90	324 0	121 10	108 0	74 5 0
100	360 0	135 0	120 0	82 10 0
200	720 0	270 0	240 0	165 0 0
300	1080 0	405 0	360 0	247 10 0
400	1440 0	540 0	480 0	330 0 0
500	1800 0	675 0	600 0	412 10 0
600	2160 0	810 0	720 0	495 0 0
700	2520 0	945 0	840 0	577 10 0
800	2880 0	1080 0	960 0	660 0 0
900	3240 0	1215 0	1080 0	742 10 0
1000	3600 0	1350 0	1200 0	825 0 0
18000	9000 0	6750 0	6000 0	4125 0 0
36000	18000 0	13500 0	12000 0	8250 0 0

A Portugal 3l. 12 s. weighs 18 dwt. 12 gr. A Portugal 36 s. weighs 9 dwt. 6 gr. A Moidore at 27 s. weighs 6 dwt. 18 gr. A Double Luisd'Or at 24 s. weighs 6dwt. 6 gr. And a Pistole at 16s. 6d. weighs 8 gr.

W I N G 1745.

*The Use of the following TABLE of the Moon's Southing
find the Time of High-Water, and Hour of the Night.*

I. To find the Time of High-Water in most Ports of E N G L A N D.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which against the Place required in the following Table of Coasts, and the Sum will be the Time of High-Water at Place required on that Day.

A T A B L E of the Sea-Coasts.

Portsmouth, Quinborough, Southampton, Rochester, Winchelsea, Flushing, Downs, Gravesend, Ramkins, Guernsey, Denbeigh, Bell-Isle, Holy-Isle, Downs-Road, London, Tinmouth, Whitby, Hartlepool, Scarborough, Berawick, Flushings, Staples, Flamborough, Humber, Bridlington-Bay, Plymouth, Ramsey, Newcastle, Severn, Lynn, Fosdyke, Hull, Weymouth, Dartmouth, Boston, Start-Point, Foulness, Bristol-Key, Bridgwater, Milford-Haven, Lizard, Wintertown, Yarmouth, Isle of White, the Needles, Isle of Man, Orkney, Peel, South-Foreland, Dover, Harwich, Orfordness, Bullein, Rye, Solebay, Margate-Road,	H. 0 0 1 2 3 3 4 5 6 6 7 8 9 10 11
--	---

II. To find the Hour of the Night by the Shadow of Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,
2. If the Shadow wants of 12, see how much it wants it; which Time subtracted from that of the Moon's Southing leaves the Time of Night. *Note*, You must add 12 Hours to the Moon's Southing, if need be.
3. If the Shadow has past 12, add the Time that it past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from the Sum, if need be.

The Kalendar explained.

The Left hand Pages contain seven Columns.

The first is the Days of the Month. The second the Days of the Week, *Sundays* being marked thus ☉, the other Days noted by their first Letters; but as *Tuesday* and *Thursday* begin with the same Letter, I have put the *Old English* **T** for *Tuesday*, to assist the Eye in counting of Days.

The third Column contains the Fasts and Festivals of the Church of *England*, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the nightly Rising and Setting of the Moon.

The fifth shews the Hour and Minute when the Moon is high, on any Day or Night; of great Use in finding the Times of High-water, and Hour of the Night, as is directed in the preceding Tide-Table.

The sixth contains the Aspects of the Planets, and Variation of the Air.

The seventh Column contains the Moon's true Place, Signs, Degrees and Minutes every Day in the Year.

The Right-hand Pages.

On the Tops thereof are nine Columns, containing the Places of Saturn, Jupiter, Mars, Venus, and Mercury, to every Day of the Month, as also the Moon's true Latitude and Longitude at each Node.

[Below which]

The first and second Columns contain the Days of the Month in the Old and New Style, or according to the English Foreign Account of Time.

The third contains the Sun's daily Longitude. The fourth Column contains the Moon's daily Declination.

Under the Title Observations, you have the Declination of the other Planets, as also their Risings, Southings and Settings to every 10th Day; with many other useful Particulars.

January hath XXXI Days.

Full Moon Monday the 7th day, at 4 morning.
 Last Quarter Sunday the 13th day, at 7 at night.
 New Moon Monday the 21st day, at 3 afternoon.
 First Quarter Tuesday the 29th day, at 6 at night.

M	W	Holy Days, Temp. &c.	Moon Sets.	Moon South.	Aspects and Weather.	M
D	D					Pl
1	T	Circumcision	1 M 52	7 A 2		98
2	W	Sun rise 9 4	3 14	7 52	☐ ♀ ☿. Cold	22
3	☾	Sun set 3 57	4 32	8 47	Rain or Snow	5
4	F	Clock fast 10 m	5 56	9 48	and sharp cut-	19
5	S	Day br. 5 51	7 10	10 51	ting Winds.	38
6	☿	Epiphany	☾ rises	11 55	Frost and Snow.	18
7	M	Plow Monday	4 A 21	Morn.	M. elong. ☿ ves.	38
8	T	Lucian	5 57	0 57	Wind and Rain	18
9	W	Sun rise 7 54	7 32	1 54	☾ Pærig.	37
10	☾	Sun set 4 7	9 0	2 47	☐ ☉ ☿	18
11	F	Twilight 2 6	10 29	3 37	Cold stormy &	38
12	S	Clock fast 13 m	11 55	4 25	unsettled Wea-	17
13	☿	1 S. aft. Epiph.	Morn.	5 12	Hillary Bp.	0
14	M	Day break at	1 20	6 0	☐ ♀ ☿. (ther.	14
15	T	42m. after 5	2 24	6 50	Sharp frosty	27
16	W	Sun rise 7 44	4 8	7 42	Air, with Snow.	10
17	☾	Sun set 4 18	5 24	8 36	☐ ☉ ☿	22
18	F	Pritca Virg.	6 26	9 30	more mild and	5
19	S	Clock fast. 14 m.	7 11	10 23	open.	17
20	☿	2 S. aft. Epiph.	7 43	11 14	St. Wales born.	29
21	M	Agnes Virg.	☾ sets.	0 A 1	☐ ☉ ♀ ☿ ☉ ☿	11
22	T	Sun rise 7 34	5 A 26	0 46	☐ ♀ ☿. ☾ Ap.	23
23	W	Term begins	6 38	1 27	sharp freezing	5
24	☾	Twilight 2 2	7 49	2 7	☐ ☿ ☿. Wind,	17
25	F	St. Pauls Con.	8 58	2 46	with some con-	29
26	S	Day br. 5 25	10 15	3 26	siderable flights	11
27	☿	3 S. aft. Epiph.	11 30	4 6	of Snow,	23
28	M	Sun rise 7 22	Morn.	4 50	☿ ☿ ☿	5
29	T	Sun set 4 40	0 46	5 36	dark cloudy	17
30	W	K. Ch. 1. Mart.	2 6	6 28	obscure Air.	0
31	☾	Clock fast 15 m.	3 28	7 25	* ☿ ☿. Frosty.	14

Wing.	Saturn.	Jupiter.	Mars.	Venus.	Merc.	☿
	♄	♃	♂	♀	♂	♂
January. 1745.	1 1 50 11	5 5 47 27	46 9 53 16			
Planets true	6 1 48 11	42 7 9 3	51 16 12 16			
Places to every	11 1 43 12	16 8 17 9	55 19 50 16			
th Day.	16 1 35 12	46 9 14 15	56 19 51 15			
	21 1 25 13	11 9 55 21	57 14 27 15			
	26 1 12 13	33 10 20 27	54 8 38 15			

N	Suns.	Moons	Observations.			
St.	Place.	Declin.				
22	22 31	16N 30	Saturn Oriental till March 7th.			
23	32 21	16	Mars Oriental till March 10th.			
24	33 25	3				
25	34 27	33	Aldebaran south 8 h. 45 m. at Night.			
26	35 28	21	Day 8 h. long, increased 36 m.			
27	36 27	7				
28	38 24	0	Mercury sets 1 h. 47 m. after the Sun.			
29	39 19	11	Br. Foot of Orion south at 9 at Night.			
30	40 13	13	Days. Saturn. Jupiter. Mars. Ven.			
31	41 6	34	rises. south. rises. south. rises. sets.			
1	42 0	16	1 10 a 27	4 m 35	2 m 17	7 m 0
2	43 6	55	11 9 44	3 52	1 42	6 22
3	44 13	8	21 9 0	3 9	1 3	5 44
4	45 18	21	Cambridge Term begins.			
5	46 22	56	Day 8 h. 30 m. long, increased 1 h. 6 m.			
6	47 26	10				
7	48 27	59	Gladly I would of Europe's peaceful Fate			
8	49 28	23	Once sing, but find all Kingdoms, every state			
9	50 27	22	Infected with French Guilt, Counsels betrayed			
10	51 25	3	Designs defeated, some too long delayed.			
11	52 21	40	Some blindfold run on such dangerous Shelves,			
12	53 17	21	Ruin their Neighbours first, and then them-			
13	53 12	28	Some Men by crafty Knaves are led away (selves			
14	53 7	5	Some by French Gold, do their best Friends be-			
15	54 1	32	When Perfidy and Avarice takes place, (tray			
16	55 4	9	They break all Union, and the Bonds of			
17	55 9	47	(Peace.			
18	56 15	9	Decl. of Days.			
19	57 19	57	1 1 n 25	14 s 3	0 s 18	13 s 45
20	57 24	1	11 1 31	14 24	0 36	9 4
21	58 26	57	21 1 41	14 39	1 4	3 58
22						13 13

February hath XXVIII Days.

Full Moon Tuesday the 5th day, at 2 afternoon.
 Last Quarter Tuesday the 12th day, at 8 morning.
 New Moon Wednesday the 20th day, at 9 morning.
 First Quarter Thursday the 28th day, at 8 morning.

M	W	Holy Days	Moon	Moon	Aspects and	
D	D	Terms, &c.	Sets.	South.	Weather.	Pl
1	F	Sun rise 7 14	4 m 45	8 a 26	Turbulent wea-	27
2	S	Pu. B. V. Mary.	5 47	9 29	ther at the be-	11
3	S	4 S. aft. Epiph.	6 31	10 32	ginning, with	26
4	M	Blaze B.	7 3	11 31	Frost and Snow	11
5	T	Cl. fast 15 m.	☾ rises	morn.	8 ♂ ♀ ☽ Pe	27
6	W	Day br. 5 7	6 a 27	0 29	Brisk Winds	12
7	T	Sun rise 7 3	8 0	1 22	with some con	27
8	F	Sun set 4 59	9 30	2 12	siderable down	12
9	S		11 0	3 2	fal of Snow or	26
10	S	Septuagesim.	12 27	3 53	cold Rain.	10
11	M	Twili. 2 hours.	morn.	4 44	An abatement	23
12	T	Term ends.	1 54	5 36	of Cold, and	7
13	W	Cl. fast 14 m.	3 13	6 30	△ ♂ ♀. some	19
14	T	Valentine.	4 20	7 25	Sun-shine Days	2
15	F	Sun set 5 13	5 13	8 19		14
16	S	Day br. 4 48	5 41	9 11	Max. elong ♀ m	26
17	S	Sexagesima.	6 12	9 59	Rain or Snow.	8
18	M	Sun rise 6 41	6 28	10 45	□ ♀ ♀	20
19	T	Twili. 1 57	6 42	11 27	☾ Apog.	2
20	W	Sun rise 6 37	☾ sets	12 9	Black Clouds	14
21	T	Sun set 5 25	6 a 55	0 a 48	△ ☉ ♀. and	26
22	F	Pfs Hefie born.	8 8	1 28	frequent Show-	8
23	S	Cl. fast 12 m.	9 16	2 8	ers of Rain or	20
24	S	Shrove Sunday.	10 37	2 51	St. Matthias.	2
25	M	Day br. 4 30	11 56	3 36	Hail. Rough	14
26	T	Shrove Tuefd.	morn.	4 25	Winds with	27
27	W	Ash Wednesd.	1 16	5 20	Rain or Snow,	10
28	T	Sun set 5 40	2 35	6 18	and so continues	23
to the End.						

Jupiter will be a Morning Star till 18th of April; and an Evening
 till November 5th, then a Morning Star to the End.

Wing.	Saturn.	Jupiter.	Mars.	Venus.	Merc.	Q
	♄	♃	♂	♀	♂	♀
January 1745.	1 0 54	13 53	10 28	4 59	4 41	15
	6 0 37	14 5	10 14	10 50	4 51	14
Planets true	11 0 17	14 13	9 40	16 37	7 28	14
Places to every	16 29 57	14 15	8 48	22 21	11 46	14
h Day.	21 29 35	14 13	7 36	28 0	17 11	14
	26 29 13	14 7	6 8	3 34	23 30	13

Suns	Moons	Observations.			
Place.	Decl.				
23 59	28N 23	Day 9 ho. 30 m. long, increased 2 h. 6m.			
24 59	28 1	Bright Sirius south 8 h. 45 m. at Night.			
26 0	25 42				
27 0	21 35	Orions Girdle south at 8 at Night; the 1st *			
28 1	16 0	The 7 Stars south 5 ho. 34 m. Evening.			
29 1	9 24	Castor south 9 ho. 15 m. at Night.			
30 2	2 22				
1 2	4 S 42	Day 10 ho. long, increased 2 ho. 36m.			
2 2	11 20				
3 2	17 13				
4 3	22 3				
5 3	25 38				
6 3	27 49				
7 3	28 35	Antares south 5 ho. 38m. in the morn.			
8 4	27 51				
9 4	25 47	Day 10 ho. 30m. long, increased 3 ho. 6m			
10 4	22 38	Mercury rises 54m. before the Sun.			
11 4	20 30	At 8 at Night Jupiter is with the ☾.			
12 4	13 55				
13 4	8 47				
14 4	2 54				
15 4	2N 50	Day 11 ho. long, increased 3 ho. 3 6m.			
16 4	8 29	The ☾ with ♀ 33 m. past 9 Morning.			
17 4	13 55				
18 4	18 54				
19 4	23 7				
20 4	26 21	Antares south 4 ho. 50 m. Morning.			
21 4	28 15	Alioth south 1 ho. 15 m. Morning.			

at Venus will be seen in the Evening till May 30th, from thence in the Morning till 22d March 1746.

March hath XXXI Days.

Full Moon Wednesday the 6th day, near midnight.
 Last Quarter Wednesday the 13th day, at 11 at night.
 New Moon Friday the 22d day, at 3 morning.
 First Quarter Friday the 29th day, at 5 evening.

M	W	Holy Days, Terms, &c.	Moon sets	Moon South.	Aspects and Weather.	Moon Place
1	F	David	3 M 43	7 A 19	Cold sharp	63
2	S	Twil. 2 Hours	4 33	8 20	Winds but fair	20
3	S	1 S. in Lent	5 7	9 17	for the most-	50
4	M	Sun rise 6 11	5 27	10 16	part.	20
5	T	Sun set 5 51	5 49	11 11	Perig.	50
6	W	Ember Week	☾ rises	12 2	Wind and Sho	20
7	T	Clock fast 8 m.	7 A 2	Morn.	☿ ☽ ♀ ♄ ♀	50
8	F	Day br. at 4	8 36	0 55	dark Weather	20
9	S	Sun rise 6 1	10 4	1 46	with Snow or	40
10	S	2 S. in Lent	11 38	2 38	☿ ☽ ♂. fleet.	18
11	M	Sun set 6 1	Morn.	3 33	♄ ♀	22
12	T	Gregory B.	1 0	4 28	now more se-	15
13	W		2 19	5 25	rene and tempe-	28
14	T	Pr. Edw. born.	3 20	6 20	rate, but holds	11
15	F	Clock fast 6 m.	3 58	7 13	not long so.	23
16	S	Lazarus	4 25	8 4	Frost and Snow	50
17	S	3 S. in Lent	4 43	8 50	☿ ♀ ☽ Patrick	17
18	M	Sun rise 5 43	4 55	9 34	☽ Apog.	29
19	T	Joseph	5 9	10 16	☿ ♀ ☽ ♂ ♀	11
20	W	Quantity of	5 20	10 56	♄ ♂ ♀	22
21	T	Twil. 2 h. 5 m.	☽ sets.	11 35	☿ ♀ ♂	40
22	F	Sun rise 5 35	7 A 16	0 A 14	Loft Winds	16
23	S	Sun set 6 27	8 32	0 56	with Storms	29
24	S	Midlent Sund.	9 53	1 42	Snow Rain or	11
25	M	Lady Day	11 12	2 31	fleet.	24
26	T	Day br. 3 21	12 31	3 23	Brisk drying	60
27	W	Clock 2 min.	Morn.	4 19	Winds and frof-	19
28	T	faster than ☉	1 41	5 18	ty Air, with	30
29	F	Sun rise 5 21	2 30	6 17	but little varia-	16
30	S	Sun set 6 41	3 17	7 15	tion to the End	10
31	S	5 S. in Lent	3 43	8 13	of the Month	15

Wing.	Saturn ♄	Jupiter ♃	Mars ♂	Venus ♀	Merc. ♁	☿
March 1745.	128 59	14 1	5 8	6 52	27 35	13
Planets true	6 28	34 13	47 3	20 12	16 4	53 13
Places to every	11 28	10 13	28 2	23 17	33 12	46 13
th Day.	16 27	46 13	6 29	26 22	41 21	13 12
	21 27	24 12	40 27	33 27	40 0	17 12
	26 27	1 12	10 25	51 2	27 9	54 12

N. St.	Sun's Place.	Moon's Declin	Observations.				
2 22	4 28	N 33	Antares south 4 h. 43 m. morning.				
3 23	3 26	59	Day 11 h. 30 m. long. Increased 4 h. 6 m.				
4 24	3 23	34	Declin. of ♄ ♃ ♂ ♀ ☿				
5 25	3 18	42	♄ { 1 2 n 48 14 s 48 1 n 8 15 n 31 14 s 0				
6 26	2 12	33	♃ { 11 3 5 14 36 2 32 19 30 8 55				
7 27	2 5	34	♂ { 21 3 23 14 21 3 49 22 50 1 n 44				
8 28	2 1	S 35	Saturn occidental till September 17th.				
9 29	1 8	36					
10 30	1 15	3	Day 12 h. long. Increased 4 h. 36 m.				
11 31	0 20	31	Mars occidental till May 11th, 1746.				
12 2	0 24	42					
13 3	59 27	24	Antares south 4 h. 3 m. morning.				
14 4	58 28	35	Cor Hydræ south at 9 at night.				
15 5	57 28	18	Cor Leonis south 9 h. 36 m. at night.				
16 6	56 26	32	Alioth south 21 m. after midnight.				
17 7	56 23	36					
18 8	55 19	45	Day 12 h. 30 m. long. Incr. 5 h. 6 m.				
19 9	54 15	6	♄ Saturn ♃ Jupiter ♂ Mars ♀ Venus				
20 10	53 9	56	rises south. rises south. rises sets				
21 11	52 4	33	1 6 a 16 0 m 31 10 a 42 3 m 18 6 a 50 10 a 9				
22 12	51 2	21	sets 11 a 48 10 0 2 20 sets 10 41				
23 1	50 7	5	April 1 N 21 21 5 m 27 11 9 9 18 2 0 5 m 30 11 10				
24 2	49 12	37	Day 13 h. long. Increased 5 h. 36 m.				
25 3	48 17	48					
26 4	47 22	14	The verdant Spring leads on th' approaching Year,				
27 5	46 25	43	And Marks of Ruin in strange Shapes appear.				
28 6	45 27	57	Lo! here are ruffling Rays; see what they are:				
29 7	44 28	41	They're full of Mischiefs, full of cruel War.				
30 8	43 27	39	So it must be: Stars act by God's Command;				
31 9	42 24	50	And in each Act we see th' Almighty's Hand.				
32 10	41 20	34	Antares south 2 h. 15 m. morning.				

April hath XXX Days.

Full Moon Friday the 5th day, at 9 morning.
 Last Quarter Friday the 12th day, at 4 afternoon.
 New Moon Saturday the 20th day, at 6 evening.
 First Quarter Saturday the 27th day, near midnight.

M D	W D	Holy Days, Terms, &c.	Moon sets	Moon's South.	Aspects and Weather	Moon Place
1	M	Noah	4 M 3	9 A 7	♂ ☉ ♀ D	29
2	T	Sun rise 5 12	4 19	9 58	(Perig.)	14
3	W	Sun set 6 50	4 31	10 49	Windy weather	28
4	Th	Ambrose	4 43	11 40	and frequent	13
5	F	Day br. 2 51	☾ rises	Morn.	showers of Rain	28
6	S	Clocks go true	9 A 14	0 32	or hail.	12
7	S	Palm Sunday	10 34	1 26	More calm and	27
8	M	Twilight 2 18	12 8	2 22	fair.	10
9	T	Sun rise 4 58	Morn.	3 20	♂ ♀ ☉	24
10	W	Sun set 7 4	1 16	4 17	Brisk winds and	7
11	Th	Maund. Thursd.	2 12	5 13	some fine show-	19
12	F	Good Friday	2 34	6 5	ers of rain.	1
13	S	Clocks slo. 2 m.	2 58	6 54		14
14	S	Easter-Day	3 13	7 38	Still cloudy.	25
15	M	Pr. Will. born	3 22	8 20	△ ♂ ♀ D Apo.	7
16	T	Tuesday	3 31	9 0	Flying clouds.	19
17	W	Sun rise 4 43	3 40	9 40	△ ♀ ☉	17
18	Th	Sun set 7 19	3 48	10 20	♂ ☉ ♀	13
19	F	Alphage	3 56	11 1	Dark cloudy	25
20	S	Day break at 2	☾ sets	11 45	weather, with	8
21	S	Low Sunday	9 A 2	0 A 32	rain or hail.	20
22	M	Sun rise 4 34	10 24	1 24		3
23	T	St. George	11 40	2 20	Ruffling winds	16
24	W	Sun set 7 30	Morn.	3 19	and some rain.	0
25	Th	St. Mark	0 43	4 18		13
26	F	Clocks slo. 4 m.	1 23	5 17	□ ♂ ♀ Fine	27
27	S	Twilight 2 47	1 54	6 13	spring showers.	11
28	S	2 S. after Easter	2 15	7 6		25
29	M	Sun rise 4 21	2 32	7 56	D Perig.	9
30	T	Sun set 7 40	2 51	8 45	Max elong ♀	24

Wing

April 174

Planets

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h Day.

Sun's
Place.

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Wing.	Saturn ♄	Jupiter ♃	Mars ♂	Venus ♀	Merc. ☿	☾
April 1745.	1 26 R 37	11 R 31	24 R 8	7 54	22 13	11
	6 26 17	10 56 23	0 12 8	2 8 50	11	
Planets true	11 26 1	10 19 22	11 16 3	13 19 11		
Places to every	16 25 46	9 42 21	41 19 36	23 0 11		
h Day.	21 25 31	9 32 1	32 22 39	1 II 23	10	
	26 25 21	8 26 21	41 25 7	8 15 10		

Sun's Place.	Moon's Declin.	Observations.				
22 39 15 N	0	Day 13 h. 30 m. long. Incr. 6 h. 6 m.				
23 38 8	30	Juba Leonis south 8 h. 38 m. at night.				
24 36 1	32	Lower Pointer south 9 h. 15 m. at night.				
25 35 5 S	35	<i>Cambridge Term ends.</i>				
26 34 12	19					
27 32 18	17					
28 31 23	8	Dubhe south at 9 at night.				
29 29 26	31	Day 14 h. long. Increased 6 h. 36 m.				
8 27 28	20	Declin. of ♄ ♃ ♂ ♀ ☿				
1 26 28	32	Days { 1 3 n 41 13 s 59 4 n 44 25 n 28 7 n 58				
2 24 27	13	Days { 11 3 54 13 37 5 8 27 0 16 44				
3 22 24	34	Days { 21 4 5 13 13 5 0 27 37 22 38				
4 20 21	16	Bright Sirius sets at 9 at night.				
5 18 16	29	The Pole Star north 10 h. 33 m. night.				
6 17 11	28					
7 15 6	1	Day 14 h. 30 m. long. Incr. 7 h. 6 m.				
8 13 0	21					
9 11 5 N	28	Deneb south 9 h. 10 m. at night.				
10 9 11	6	Alioth and Cor Caroli south 10 h. 15 m.				
May 16	28	at night.				
12 6 21	8	The 2 Pointers south 8 h. 10 m. night.				
13 4 24	55					
14 2 27	30					
15 0 28	35	<i>Cambridge Term begins.</i>				
15 58 27	56	Days Saturn Jupiter Mars Venus				
16 56 25	33	south sets rises south sets sets				
17 54 21	39	1 10 a 26 4 m 46 8 a 33 1 m 16 4 m 31 11 a 35				
18 50 16	31	11 9 47 4 8 7 54 0 35 4 1 11 46				
19 50 10	27	21 7 7 3 28 sets 11 a 48 3 19 11 43				
20 48 3	47	Mercury sets 1 h. 55 m. after the Sun.				

May hath XXXI Days.

Full Moon Saturday the 4th day, at 6 in the evening.
 Last Quarter Friday the 12th day, at 9 in the morning.
 New Moon Monday the 20th day, at 5 in the morning.
 First Quarter Monday the 27th day, at 5 in the morning.

MW	Holy Days, Terms, &c.	Moon sets.	Moon South.	Aspects and Weather.	Moon Place.
1	W Term begins.	2M 56	9A.33	St. Phil. & Jac.	8
2	☾ Clock flow 4 m.	3 11	10 23	Fine serene	22
3	F Invent. Crofs	3 20	11 15	Weather.	7M
4	S Twilight 2 11	☾ rises	12 10	☿ ☽ ♀. Now	21
5	☿ 3 S. after Easter	9A.43	Morn.	expect unruly	52
6	M Sun rise 4 11	10 58	1 7	Winds, and	18
7	T Sun set 7. 50	12 6	2 5	Storms of Hail,	2W
8	W Clocks and	Morn.	3 3	Rain, and	15
9	☾ Watches slower	0 34	3 57	Thunder.	27
10	F than ☽ 4 min.	1 2	4 48	Fine pleasant	9
11	S Day br. 11m. af. 12.	1 19	5 34	and serene Air	21
12	☿ 4 S. after Easter	1 31	6 17	still continues.	38
13	M Sun rise 4 1	1 41	6 58	☾ Apog.	15
14	T Set set 8 0	1 50	7 37	Storms of Hail	27
15	W No real Night	1 57	8 16	☿ ♀ ☽ and	9Y
16	☾ but about 7 h.	2 5	8 56	Rain, and ruff-	21
17	F and 1/2 Twilight	2 15	9 39	ing Winds.	38
18	S till 11th of July	2 27	10 25		16
19	☿ Rogat. Sunday	☾ sets	11 15	☿ ☽ ♀ Brisk	29
20	M Sun rise 3 53	9A.24	12 10	Winds, and	12
21	T Sun set 8 8	10 31	1A 9	☿ ♀ ☽ hasty	26
22	W	11 17	2 8	Showers. Close	10
23	☾ Ascension Day	11 42	3 7	☿ ☽ ♀ hot Air.	24
24	F Pr. Geo. born	12 20	4 6	Wind, rain, and	8
25	S Clock flo. 2 m.	Morn.	5 0	Hail.	22
26	☿ 6 S. aft. Easter	0 37	5 50	☾ Perig.	6
27	M Term ends	0 50	6 39	Dark cloudy	20
28	T Sun rise 3 46	1 1	7 26	Weather, and	4
29	W K. Ch. II. rest.	1 11	8 14	some turbulent	18
30	☾ Pfs. Ann & Car. b	1 22	9 3	☿ ☽ ♀ Show.	27
31	F Sun set 8 15	1 35	9 56		16

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Wing.	Days	Saturn ♄	Jupit. ♃	Mars ♂	Venus ♀	Merc ♂	♂
May	1	25 B 11	7 B 49	22 9	26 54	13 23	10
1745.	6	25 6 7	13 22	53 27	51 16	37 10	0
Planets true	11	25 2 6	41 23	51 27 B 56	17 B 51	9	9
Places to eve-	16	25 D 0 6	10 25	5 26	58 17	9 9	9
5th Day.	21	25 1 5	43 26	30 25	4 14	57 9	9
	26	25 6 5	19 28	7 22	23 12	11 9	9

Sun's Place.	Moon's Declin.	Observations.
21 46	3 S 4	Alioth south 9 h. 46 m. at night.
22 43	9 49	Arcturus south 10 h. 43 m. at night.
23 41	16 3	Day 15 h. 30 m. long, incr. 8 h. 6 m.
24 38	21 18	
25 36	25 17	Decl. of ♄ ♃ ♂ ♀ ♂
26 34	27 43	Days {
27 32	28 32	
28 29	27 41	
29 27	25 28	
II 25	22 7	Saturn and Mars (more rugged than the rest)
I 22	17 51	Now meet again; they never meet in Jest;
2 20	12 57	They Tumults raise, great Changes they bring on,
3 17	7 40	'Tis seldom that one Mischief comes alone:
4 15	2 6	When th' Almighty thro' such Trumpets calls,
5 13	3 N 37	Kingdoms do stagger, and great Empires fall.
6 10	9 19	Day 16 hours long; incr. 8 h. 36 m.
7 7	14 44	Days Saturn Jupiter Mars Venus
8 5	19 39	Sou. Sets Sou. Sets Sets Sets
9 2	23 48	1 5a 28 2m 50 11a 5 3m 54 2m 39 11a 22
9 59	26 50	11 7 47 2 9 10 21 3 13 2 C 10 38
June 28	21 21	7 7 1 29 9 36 2 29 1 21 9 31
11 55	28 9	
12 52	26 8	The Pole Star north at 8 at night.
13 49	22 31	Benetnasch south 8 h. 48 m. at night.
14 46	17 39	The Seven Stars rise 2 h. 22 m. in the
15 43	11 43	morning.
16 41	5 15	
17 39	1 S 28	Arcturus south at 9 at night.
18 36	8 3	Day 16 h. 30 m. long; incr. 9 h. 6 m.
19 33	14 17	
20 30	19 43	

June hath xxx Days.

Full Moon *Monday* the 3d day at 4 in the morning.
 Last Quarter *Tuesday* the 11th day at 2 in the morning.
 New Moon *Tuesday* the 18th day at 4 afternoon.
 First Quarter *Tuesday* the 25th day at 10 in the morning.

M.	D.	Holy Days, Terms, &c.	Moon sets.	Moon South.	Aspects and Weather.	Moon in sign.
1	S	Sun rise 3 44	1 m 54	10 a 51		0 2
2	S	Whit-Sunday	D rises	11 48	Cloudy weather,	13
3	M	Monday.	9 a 41	Morn.	and frequent	27
4	T	Tuesday.	10 27	0 46	showers of	10
5	W	Ember Week.	10 58	1 42	☐ ☉ ♄ rain.	23
6	Th	Sun rise 3 42	11 18	2 34	Curious fine	5
7	F	Sun set 8 18	11 33	3 23	serene air.	17
8	S	Cl. fast 1 m.	11 43	4 9	Fair and clear.	29
9	S	Trinity-Sund.	11 51	4 49	☽ Apog.	11
10	M	Sun rise 3 42	Morn-	5 28	Wind and some	23
11	T	St. Barnabas.	ing.	6 7	storms of rain	5
12	W	Sun set 8 18	0 6	6 47	and hail.	17
13	Th	Corp. Christi.	0 16	7 28	♂ ♀ ♄	29
14	F	Term begins.	0 28	8 11	☐ ☉ ♄	11
15	S	K. Geo. II. pr.	0 42	8 59	Hot and dry.	24
16	S	1 S. aft. Trin.	1 6	9 51	Max. Elon. ♄ m.	7
17	M	St. Alban.	1 40	10 49	☐ ☉ ♂	21
18	T	Sun rise 3 43	D sets	11 50	Frequent show-	5
19	W	Sun set 8 16	9 a 48	0 a 52	ers of rain or	19
20	Th		10 16	1 51	hail and unset-	3
21	F	Sun rise 3 44	10 37	2 49	tled weather.	18
22	S	Cl. fast 3 m. ½	10 52	3 41		2
23	S	2 S. aft. Trin.	11 4	4 30	☽ Perig.	17
24	M	St. John. Bapt.	11 14	5 18	Cloudy air.	1
25	T	Sun rise 3 47	11 24	6 6	☐ ♄ ♀ Lofty	15
26	W	Sun set 8 12	11 34	6 54	winds and some	29
27	Th		11 51	7 45	storms of rain,	13
28	F	Cl. fast 5 m.	12 13	8 38	☐ ♂ ♀ hail	26
29	S	S. Pet. & Paul.	Morn.	9 34	and thunder.	10
30	S	3 S. aft. Trin.	0 49	10 31	☐ ♄ ♄	23

Wing.	Saturn	Jupit.	Mars	Venus	Merc.	86
	♄	♃	♂	♀	♂	Υ
June	1 25	13 43	56 0	16 18	24 9	39 8
1745.	6 25	23 4	41 2	14 15	43 9	12 8
Planets true	11 25	33 4	31 4	22 13	24 10	42 8
Places to eve-	16 25	48 4	25 6	36 11	56 14	10 8
5th Day.	21 26	34 D	24 8	58 11	29 19	28 7
	26 26	22 4	28 11	26 11	58 26	27 7

Sun's	Moon's
Place.	Declin.

Observations.

21	27	24	S	2	The Pole Star north 7 h. 20 m. at night.
22	24	27	0	Days	Saturn
23	22	28	22	Sou.	Sets
24	19	28	5	1	6a23 om44
25	17	26	16	11	5 42 0 28 5 1 0 0 5 2 54
26	14	23	12	21	5 4 11a23 7 23 0 17 11a27 2 17
27	11	19	11		
28	8	14	28		
29	5	9	14		South Balance south near 9 at night.
30	3	3	44		Longest Day 16 h. 36 m. incr. 9 h. 12 m
1	0	1	N54		K. George II. Inaugurat.
2	57	7	33		Northern Crown south at 9 at night.
3	54	13	2		Antares south at 10 at night.
4	52	18	6		Alioth south 6 h. 30 m. at night.
5	49	22	21		
6	46	25	53		
7	43	28	c		Mercury rises 1 h. 30 m. before the Sun.
8	40	28	24		
9	38	26	55		When fiery Mars with sullen Saturn pairs,
10	32	18	55		And to bright Venus dayts mischievous Squares,
11	29	13	6		Rage and Disorder from such Union flies,
12	26	6	37		And fatal Discord moves the upper Skies.
13	23	0	S 6		Of late they so beheld the Gallic State,
14	20	6	49		(In Virgo) where great Mischief they'll create.
15	18	13	2		Jupiter with the Moon at 9 at night.
16	15	18	37		Decl. of ♄ ♃ ♂ ♀ ♄
17	12	23	9		Days { 14n 5 12s 0 0s 23 22n 22 14n 51
18	9	26	25		{ 11 3 55 11 55 1 38 19 37 18 22
19	6	28	12		{ 21 3 42 11 56 3 40 17 50 20 41

July hath xxxi Days.

Full Moon Tuesday the 2d day at 4 afternoon.

Last Quarter Wednesday the 10th day at 7 in the evening

New Moon Thursday the 18th day at 1 in the morning

First Quarter Wednesday the 24th day at 4 afternoon.

M.D.	W.D.	Holy Days, Terms, &c.	Moon sets.	Moon South.	Aspects and Weather.	Moon Phase
1	M		1 m 36	11 a 27		6
2	T	Vifi. V. Mary.	D rises	Morn.	Dies Comitii.	19
3	W	Term ends.	9 a 18	0 20	Hasty showers	1
4	Th	Sun rise 3 55	9 34	1 11	of rain.	13
5	F	Sun set 8 3	9 42	1 57	Now more calm	26
6	S		9 55	2 40	and fair.	8
7	S	4 S. aft. Trin.	10 2	3 21	☐ ♂ ♀. D Apo.	19
8	M	Clo. and Wat-	10 11	3 59	* ☉ ♀	1
9	T	ches fast 6m.	10 18	4 38	Cloudy, but	13
10	W	Sun rise 4 2	10 30	5 17	fair and hot.	25
11	Th	Sun set 7 56	10 41	6 0		7
12	F	Twilight 3 42	11 0	6 45	* ♀ ♀	19
13	S		11 30	7 35	Fair and clear.	2
14	S	5 S. aft. Trin.	12 9	8 30	☐ ☉ ♀	15
15	M	St. Swithin.	Morn.	9 29	☐ ♀ ☐ Lofty	29
16	T	Sun rise 4 11	1 11	10 31	winds and	13
17	W	Sun set 7 49	D sets	11 33	☐ ☉ ♀ some	28
18	Th	Cl. fast 6 m.	8 a 38	0 a 32	thunder-show-	12
19	F	Dog-days be.	8 54	1 29	ers of rain	27
20	S	Day br. 1 15	9 6	2 21	and hail.	12
21	S	6 S. aft. Trin.	9 19	3 11	△ ♂ ♀. D Per.	26
22	M	Mary Magd.	9 31	4 1	Cloudy, but	11
23	T	Sun rise 4 21	9 44	4 50	fair and	26
24	W	Sun set 7 39	9 58	5 40	seasonable.	9
25	Th	St. James.	10 16	6 33	☐ ♀ ♀	23
26	F	St. Ann.	10 47	7 28	Fair and clear.	6
27	S	Cl. fast 5 m.	11 30	8 25	* ♂ ♀	20
28	S	7 S. aft. Trin.	12 27	9 21	Wind and rain.	2
29	M	Sun rise 4 32	Morn.	10 15	* ♀ ♀	15
30	T	Sun set 7 26	1 40	11 7		28
31	W	Pi. Augusta	2 58	11 53	Hasty showers.	10

Wing.	Days	Saturn ♄	Jupit. ♃	Mars ♂	Venus ♀	Merc. ☿	☿
July	1	26	42	4	35	13	58
1745.	6	27	54	47	16	37	15
Planets true	11	27	30	5	3	19	22
aces to eve-	16	27	55	5	23	22	11
th Day.	21	28	23	5	48	25	5
	26	28	53	6	16	28	3

Sun's Place.	Moon's Declin.	Observations.
20	3 28 S	23 The seven Stars rise 11 h. 50 m. at night.
21	1 25	1 Commencement-day at Cambridge.
21	58 24	15 Antares south 8 h. 40 m. at night.
22	56 20	27 Cambridge Term ends.
23	53 15	53
24	50 10	44
25	48 5	16 Thomas à Becket.
26	45 0 N	21 Day 16 hours long; decreased 36 min.
27	42 5	59
28	40 11	28 Decl. of ♄ 24 ♂ ♀ ♂
29	37 16	37 Days { 1 3 25 12 8 2 5 3 46 17 38 22 n 5
30	34 21	12 Days { 11 3 4 12 13 7 58 18 12 22 22
1	31 24	56 Days { 21 2 41 12 33 10 19 19 . 2 17 45
2	29 27	37 Head of Serpentarius south at 9 at night.
3	26 28	33 Draco south 9 h. 25 m. at night.
4	23 27	48
5	21 25	7
6	18 20	50 The seven Stars rise 10 h. 40 m. at night.
7	16 15	10 Day 15 h. 30 m. long, decr. 1 h. 6 m.
8	13 8	36
Aug.	1	42
10	8 5 S	17 Days Saturn Jupiter Mars Venus
11	6 11	49 Sou. Sets Sou. Sets Sets Rises
12	3 17	38 1 42 24 10 42 5 42 11 37 10 54 1 m 46
13	0 22	26 21 3 57 10 13 5 4 10 57 10 20 1 19
14	58 25	57 21 3 11 9 26 5 28 10 20 9 49 1 3
15	55 28	5
16	53 28	35
17	50 27	32 The Pole Star, Alioth, and Cor Caroli,
18	48 25	8 upon the Meridian 20 m. aft. 3 in morn.
18	46 21	35 Shining Harp south at 9 at night.

August hath xxxi Days.

Full Moon *Thursday* the 1st day at 6 in the morning.
 Last Quarter *Friday* the 9th day at 10 in the morning.
 New Moon *Friday* the 16th day at 8 in the morning.
 First Quarter *Friday* the 23d day at 1 in the morning.
 Full Moon *Friday* the 30th day at 10 at night.

N. D.	Holy Days, Terms, &c.	Moon rises.	Moon South.	Aspects and Weather.	Moon Plac.
1	 Lammas-day.	Night	Morn.	* 4 ♀	22
2	F Sun rise 4 40	8 5	0 38	Wind and rain.	4
3	S Sun set 7 19	8 13	1 20	☽ Apog.	16
4	 S. aft. Trin.	8 21	1 59	△ 4 ♀	28
5	M Day br. 2 18	8 30	2 38	Cloudy, and	10
6	T Transfigurat.	8 39	3 20	frequent show-	21
7	W Cl. fast 3 m.	8 49	3 59	ers of rain.	3
8	 Sun rise 4 50	9 7	4 42		15
9	F Sun set 7 8	9 30	5 30	Moderate good	28
10	S Laurence.	10 4	6 21	harvest-wea-	11
11	 S. aft. Trin.	10 42	7 18	♂ 4 ♂ ther.	24
12	M Continuat. of	12 3	8 17	Fair and dry	7
13	T Twil.morn. &	Morn.	9 17	weather.	21
14	W Even. 2h. 15m.	1 30	10 17		6
15	 Assumption.	3 2	11 16	Flying clouds,	21
16	F Sun rise 5 6	☽ sets	0 a 13	and showers.	6
17	S Sun set 6 52	7 a 31	1 5	♂ 4 ♀. ☽ Per.	21
18	 S. aft. Trin.	7 41	1 56	Mutable air.	6
19	M Day br. at 3	7 53	2 47	High winds	21
20	T Cloc. go true.	8 6	3 39	and showers.	5
21	W Athanasius.	8 25	4 33	* ☉ 4	19
22	 Sun rise 5 18	8 54	5 29	Fair, ferene,	3
23	F Sun set 6 10	9 31	6 26	and good	16
24	S S. Bartholom.	10 25	7 23	harvelt-wea-	29
25	 S. aft. Trin.	11 35	8 18	ther.	12
26	M Twi. 2h. 8m.	Morn.	9 11	Hot and dry.	25
27	T Dog-days end	0 53	9 59	Max. Elon. ♀ v.	7
28	W Cl. flow 3 m.	2 11	10 44		19
29	 Decol. J. Bapt.	3 30	11 26	* 4 ♀ Storms	1
30	F Sun rise 5 34	☽ rises	12 6	of wind and	13
31	S Sun set 6 24	6 a 36	12 46	☽ Apog. rain.	25

Wing.	Days	Saturn	Jupit.	Mars	Venus	Merc.	♄					
		♄	♃	♂	♀	♂	♂					
August	1	29	29	6	55	1	40	4	12	6	10	5
1745.	6	0	1	7	31	4	45	8	47	14	20	5
Planets true	11	0	34	8	10	7	55	13	34	21	56	5
Places to eve-	16	1	8	8	53	11	8	18	32	28	57	4
5th Day.	21	1	43	9	38	14	23	23	40	52	14	4
	26	2	18	10	25	13	43	28	56	10	47	4

Sun's Place. Moon's Declin.

Observations.

19	44	17	S	12	Decl. of h	24	8	8	8								
20	41	12	11	Days	{	12n12	12s55	12s49	19n44	10n16							
21	39	6	42			111	45	13	21	13	59	19	56	3	4		
22	36	1	5			211	18	13	50	17	10	19	22	3	33		
23	34	4	N	33	Day	14 h.	30 m.	long;	dec	2 h.	6 m.						
24	32	10		4													
25	29	15		17	Great Armies in the Field do now appear,												
26	27	20		0	And mighty Actions fill the wond'rous Year;												
27	25	23		57	Like Voice of Thunder now the Cannon sounds,												
28	23	26		44	And Francoence more fills with fresh bleeding Wounds.												
29	21	28		27	His Towns submit, his strongest Places yield,												
30	19	28		28	His best'ring Army quits the imbattled Field.												
1	17	26		33	Day	14 ho.	long;	decreased	2 h.	36 m.							
2	15	22		55													
3	13	18		5	Days	Saturn	Jupiter	Mars	Venus								
4	11	11		24	Sou.	Sets	Sou.	Sets	Sets	Rises							
5	9	4		24	1	2	3	4	5	6	7	8	9	10			
6	7	2	S	51	11	2	3	8	12	4	18	9	4	8	58	0	56
7	5	9		51	21	1	23	7	30	3	47	8	31	8	26	1	10
8	3	16		9	Atair south at 9 at night.												
Sept.	21	23		23	Day	13 h.	30 m.	long;	dec.	3 h.	6 m.						
10	0	25		21													
10	58	27		51													
11	56	28		44	Hand of Antinous south at 9 at night.												
12	54	28		3	Fomahant south 11 h. 45 m. at night.												
13	53	25		55													
14	51	22		36	Mercury sets 46 m. after the Sun.												
15	50	18		25	Day 13 h. long; decreased 3 h. 36 m.												
16	48	13		30													
17	46	8		11	Shining Harp south 7 h. 11 m. at night.												
18	45	2		35	Sirius rises 2 h. 45 m. in the morning.												

September hath xxx Days.

Last Quarter *Saturday* the 7th day at 11 at night.
 New Moon *Saturday* the 14th day at 5 in the evening.
 First Quarter *Saturday* the 21st day at noon.
 Full Moon *Sunday* the 29th day at 3 afternoon.

M.D.	W.D.	Holy Days, Terms, &c.	Moon rises.	Moon South.	Aspects and Weather.	Moon Pl.
1	S	12 S. aft. Trin.	6 a 46	o m 46	Pleasant and	7
2	M	London burnt.	6 56	1 25	agreeable wea-	18
3	T	Sun rise 5 42	7 6	2 6	ther.	0
4	W	Sun set 6 16	7 18	2 48	Flying clouds	12
5	T	Clocks flower	7 39	3 34	and sudden	24
6	F	than ☉ 6 m.	8 8	4 23	showers.	7
7	S		8 45	5 17	* ☉ ♂ . ☐ ♀	20
8	S	13 S. aft. Trin.	9 50	6 13	Nat. Vir. Mary.	3
9	M	Day br. 3 53	11 18	7 12		16
10	T	Sun rise 5 56	Morn	8 10	Dark cloudy	0
11	W	Sun set 6 2	0 38	9 8	weather, some	14
12	T	Twilight 2 h.	2 15	10 5	* ♀ ♀ rain.	29
13	F	Cl. flow 8 m.	3 50	10 58		14
14	S	Holy Rood.	☽ sets	11 50	☽ Perig.	29
15	S	14 S. aft. Trin.	6 a 8	o a 42	Wind and rain,	14
16	M	Sun rise 6 8	6 21	1 35	☉ ☉ ♀ and	29
17	T	Sun set 5 50	6 38	2 30	dark, cloudy,	14
18	W	Ember Week.	7 2	3 27	unsettled wea-	28
19	T	Day break	7 37	4 25	ther.	12
20	F	9 m. after 4.	8 26	5 23	* ♀ ♂ Cold	26
21	S	St. Matthew.	9 33	6 21	☉ ☉ ♀ air.	9
22	S	15 S. aft. Trin.	10 48	7 15	Fair and	22
23	M	Sun rise 6 22	12 9	8 6	pleasant.	4
24	T	Sun set 5 36	Morn.	8 52	* ♂ ♀	16
25	W	Twilight 1 57	1 28	9 34	☉ ♀ ♀ Serene	28
26	T	Cl. flow 12 m.	2 42	10 15	calm weather.	10
27	F	Day br. 4 33	3 55	10 54	☽ Apog.	22
28	S	Sun rise 6 32	5 8	11 33	Cold weather	3
29	S	St. Michael.	☽ rises	12 11	and plenty	15
30	M	Sun set 5 23	5 a 29	12 55	of rain.	27

Wing.	Days	Sat.	Jupit.	Mars	Venus	Merc.	☿					
September	1	2	40	10	5	19	42	2	8	13	38	4
1745.	6	3	39	12	19	25	8	10	52	18	45	3
	11	4	17	13	14	28	37	16	26	19	10	3
Planets true	16	4	45	14	12	27	6	22	6	16	36	3
Places to eve-	21	5	31	15	10	5	39	27	50	11	26	3
5th Day.	26	6	8	16	10	9	15	3	38	6	5	2

Mo.	Ph.	Sun's Place.	Moon's Declin.	Observations.
7	1	19 44	3 N	8 The Shining Harp south at 8 at night.
18	13	20 42	8	43 Fomahant south at 11 h. 27 m. at night.
0	8	21 41	14	3
12	15	22 39	18	53 Day 12 h. 30 m. long; decr. 4 h. 6 m.
24	16	23 38	23	2
7	17	24 37	26	15 <i>Now frighted Spaniards from their Treasure fly,</i>
20	18	25 36	28	16 <i>Loth to forsake their Wealth, more loth to die:</i>
3	19	26 34	28	43 <i>Conquest perverts the Property of Friends,</i>
16	20	27 33	27	31 <i>And makes Men ruin what they can't defend.</i>
0	21	28 32	24	36 <i>Strange Fate that War such odd Events shou'd have!</i>
14	22	29 30	20	8 <i>Friends they destroy what Enemies would save.</i>
29	23	29 29	14	12 Day and Night 12 hours long.
14	24	1 28	7	38
29	25	2 27	0	25 Moon with Saturn at 8 at night.
14	26	3 26	6 S	52 The Seven Stars rise at 7 at night.
29	27	4 25	13	41
14	28	5 24	19	35 Saturn oriental 'till March 20, 1746.
28	29	6 23	24	10
12	30	7 22	27	16
26	1	Octob. 28	41	Day 11 h. 30 m. long; decr. 5 h. 6 m.
9	2	9 20	28	25
22	3	10 20	26	35
4	4	11 19	23	34
16	5	12 18	19	32
28	6	13 17	14	48
10	7	14 17	9	35
22	8	15 16	4	2
3	9	16 15	1 N	40
15	10	17 15	7	18
27	11	18 14	12	45
				Days
				Saturn
				Jupiter
				Mars
				Venus
				Sou.
				Sets
				Sou.
				Sets
				Sets
				Rises
				1 0 5 2
				6 2 5 5
				3 2 1 4
				7 2 5 4
				8 2 4 1
				2 6
				1 0 2 5
				6 2 6 2
				4 5 7 12
				7 4 9 1
				5 1
				1 1 4 5
				rises
				2 1 7 6
				5 1 7 2
				6 5 1 2
				18
				Day 11 h. long; decreased 5 h. 36 m.
				Decl. of h
				24
				♂
				♀
				♂
				1 0 1 4
				6 1 4 5
				2 6 1 9
				5 1 7 1
				7 1 4 8
				9 5 8
				1 1 0 1
				7 1 5 0
				2 0 1 1
				1 5 3 2
				1 0 5 2
				2 1 0 8
				1 9 1 5
				3 6 2 2
				2 8 1 2
				2 9 6 4

ne

October hath xxxi Days.

Last Quarter Monday the 7th day at 9 in the morning.
 New Moon Monday the 14th day at 1 in the morning.
 First Quarter Monday the 21st day at 4 in the morning.
 Full Moon Tuesday the 29th day at 9 in the morning.

M.D.	W.D.	Holy Days, Terms, &c.	Moon rises.	Moon South.	Aspects and Weather.	Moon Place
1	T	Remigius.	5 a 35	0 m 55	Cold, dark	9
2	W	Sun rise 6 41	5 54	1 40	and foggy	21
3	Th	Sun set 5 17	6 18	2 28	weather.	4
4	F	Cl. flow 14 m.	6 53	3 20	Frosty morn-	16
5	S	Twilight 1 57	7 47	4 15	ings, and cold	29
6	S	17 S. aft. Trin.	9 0	5 12	state of air.	12
7	M	Day br. 4 54	10 23	6 10	♂ ♀ M. el. ♀	26
8	T	Sun rise 6 53	11 50	7 6	* ♄ ♀. □ ♂ ♀	9
9	W	St. Dennis.	Morn.	8 0	Fresh winds	24
10	Th	Sun set 5 3	1 29	8 53	and showers.	8
11	F	K. Geo. II. cr.	2 57	9 43	♄ Perig.	23
12	S		4 24	10 34	Dark, cloudy	8
13	S	18 S. aft. Trin.	♄ sets	11 25	weather, with	23
14	M	Cl. flow 16 m.	4 a 48	0 a 20	frequent show-	7
15	T	Twilight 1 58	5 6	1 17	ers of rain.	22
16	W	Sun rise 7 9	5 36	2 16		7
17	Th	Sun set 4 49	6 19	3 17	Frosty air,	21
18	F	St. Luke.	7 22	4 16	fair and clear.	4
19	S	Day br. 5 17	8 40	5 13		17
20	S	19 S. aft. Trin.	9 56	6 5	Snow or rain.	0
21	M	Ursula.	11 15	6 52	* ♂ ♀	13
22	T	Ps. Orange b.	12 33	7 36	Indifferent	25
23	W	Term begins.	Morn.	8 19	good weather,	7
24	Th	Sun rise 7 24	1 50	8 57	mild and fair.	18
25	F	Crispin.	3 0	9 35	♄ Apog.	0
26	S	Sun set 4 32	4 9	10 15	♂ ♀	12
27	S	20 S. aft. Trin.	5 21	10 56	Scatter'd	24
28	M	S. Sim. & Jude.	6 30	11 39	clouds, and	6
29	T		♄ rises	Morn.	much rain, and	18
30	W	K. Geo. II. b.	4 a 25	0 26	stormy weather.	1
31	Th	Cl. flow 16 m.	4 57	1 17		13

Wing.	Days	Sat.	Jupit.	Mars	Venus	Merc.	S
		♄	♃	♂	♀	♂	♁
October	1	6 45	17 11	12 49	9 30	3 52	2
	6	7 21	18 14	16 29	15 25	6 8	2
1745.	11	7 56	19 18	20 8	21 22	11 42	2
Planets true	16	8 31	20 23	23 51	27 32	18 54	1
Places to eve-	21	9 6	21 28	27 36	32 25	26 50	1
5th Day.	26	9 40	22 34	1V322	9 30	4M57	1

Sun's	Moon's
Place.	Declin.

Observations.

12 19	14 17	N 44	Fomahant south 9 h. 33 m. at night.
13 20	13 22	5	Markab south 9 h. 38 m. at night.
14 21	13 25	34	Sirius south 5 h. 15 m. in the morning.
15 22	13 27	53	Day 10 h. 30 m. long; decr. 6 h. 6 m.
16 23	13 28	45	
17 24	12 28	2	
18 25	12 25	40	Mercury rises 1 h. 42 m. before the Sun.
19 26	12 21	47	
20 27	11 16	39	
21 28	11 9	27	Fomahant south at 9 at night.
22 29	11 3	56	Cambridge Term begins.
23 30	11 3	S 38	Day 10 ho. long; decreased 6 h. 36 m.
24 1	11 10	39	
25 2	11 17	4	Decl. of ♄ 4 8 8 8
26 3	10 22	20	Days {
27 4	10 26	10	
28 5	11 28	17	
29 6	11 28	36	
30 7	11 27	13	Day 9 h. 30 m. long; decr. 7 h. 6 m.
1 Nov.	11 24	26	Saturn Jupiter Mars Venus
2 10	12 16	8	Rises Sou. Sou. Sets Sets Rises
3 11	12 10	59	15m2c 11m17 1a49 6a14 7a13 2m4
4 12	12 5	29	114 4 10 40 1 26 5 51 7 0 3 1
5 13	12 0	N 9	214 20 10 10 0 50 5 12 6 5 2 3 4
6 14	13 5	46	
7 15	13 11	17	Day 9 h. long; decreased 7 h. 36 m.
8 16	13 16	26	
9 17	14 21	1	Head of Andromeda south at 9 at night.
10 18	14 24	42	Sirius south 3 h. 30 m. in the morning
11 19	15 27	19	Algenib south at 9 at night.

November hath xxx Days.

Last Quarter *Tuesday* the 5th day at 8 at night.
 New Moon *Tuesday* the 12th day at 1 afternoon.
 First Quarter *Tuesday* the 19th day near midnight.
 Full Moon *Thursday* the 28th day at 1 in the morning.

M.D.	Holy Days, Terms, &c.	Moon rises.	Moon South.	Aspects and Weather.	Moon Place
1	F All Saints.	5 a 43	2 m 11	Mild temperate	26
2	S All Souls.	6 51	3 8	weather for the	9 5
3	at S. aft. Trin.	8 6	4 5	season.	22
4	M Twilight 2 3	9 34	5 1	Sharp frosty	9 3
5	T Powder Plot.	11 0	5 54	☉ ☽ air,	20
6	W Sun rise 7 47	12 32	6 45	some snow.	4 17
7	Th Sun set 4 11	Morn.	7 34	☐ ☿ ☽. ☿ ☽ ☽	18
8	F Cl. flow 14 m.	2 0	8 22	☽ Perig.	2 2
9	S Day br. 5 47	3 28	9 1	Wind and rain.	17
10	at S. aft. Trin.	5 2	10 2	☉ ☽	1 17
11	M Martinmas.	6 30	10 56	Blustering winds	16
12	T Sun rise 7 55	☽ sets	11 54	cloudy and	0 2
13	W Sun set 4 3	4 a 6	0 a 55	tempestuous	15
14	Th Fr. W-Hen. b.	4 58	1 56	weather.	29
15	F	6 5	2 55		12 VS
16	S Cl. flow 12 m.	7 30	3 50	Settled, fair	25
17	at S. aft. Trin.	8 50	4 40	and ferene	8 3
18	M Sun rise 8 4	10 10	5 26	* ☽ ☽ air.	21
19	F Pres. Wales b.	11 24	6 7		3 *
20	W Sun set 3 53	Morn.	6 48	Frost and snow.	15
21	Th Twilight 2 9	0 39	7 26	☽ Apog.	27
22	F Cæcilia.	1 50	8 5	* ☉ ☽	8 7
23	S Day br. at 6	3 0	8 45	Calm and fair,	20
24	at S. aft. Trin.	4 12	9 26	but soon turns	2 8
25	M Catherine.	5 30	10 12	to snow, or	14
26	T Sun rise 8 12	6 46	11 1	cold rain.	27
27	W Sun set 3 47	☽ rises	11 55	Tempestuous,	9 II
28	Th Term ends.	3 a 28	Morn.	cloudy and	22
29	F Cl. flow 7 m.	4 29	0 51	unsettled wea-	6 5
30	S St. Andrew.	5 46	1 49	ther.	19

Wing.	Days	Sat.	Jupit.	Mars	Venus	Merc.	☿
		♄	♃	♂	♀	♂	☿
November	1	10 18	23 53	5 56	16 50	14 40	0
1745.	6	10 48	25 0	9 44	22 58	22 39	0
Planets true	11	11 12	25 54	12 48	27 53	28 59	0
Places to eve.	16	11 46	27 13	17 25	5 m 18	8 23	✕
5th Day.	21	12 11	28 19	21 18	11 30	16 13	29
	26	12 36	29 25	25 10	17 43	24 1	29

Sun's	Moon's
Place.	Declin.

Observations.

20	15	28 N	35	Fomahant fouth 7 h. 30 m at night.					
21	16	28	9	Sirius fouth 3 h. 18 m. in the morning.					
22	16	26	12	The Seven Stars fouth 7 h. 45 m. at night.					
23	17	22	45	Day 8 h. 30 m. long; decr. 8 h. 6 m.					
24	17	18	0	Sheder fouth at 9 at night.					
25	18	12	14						
26	18	5	46						
27	19	1 S	7	The Pole Star north at 9 at night.					
28	20	8	0	Jupiter is with the Moon at 10 at night.					
29	21	14	31						
30	21	20	12	Decl. of ♄ ♃ ♂ ♀ ☿					
1	22	24	41	Days {	1 2s 0	18s 2	24s 39	4s 56	15s 44
2	23	27	30		11 2 24	18 35	24 5	9 30	20 53
3	24	28	36		21 2 42	19 6	23 4	13 42	24 13
4	25	27	50	Day 8 hours long; decr. 8 h. 36 m.					
5	26	25	28						
6	26	21	54						
7	27	17	32						
8	28	12	29						
9	28	7	1	Decem.					
10	30	1	27						
11	31	4 N	13						
12	32	9	32	Bright ✕ of Aries fouth near 9 at night.					
13	33	14	58						
14	34	19	41	Saturn		Jupiter		Mars Ven.	
15	35	23	41	Rises	Sou.	Sou.	Sets	Sets	Rises
16	36	26	38	1 3 m	42 9 m	31 0 a	16 4 a	34 6 a	45 3 m
17	37	28	17	11 3	6 8	53 11 m	44 rises	6 42 3	6
18	38	28	24	21 2	29 8	14 11	10 6 m	58 6 40	2 48
19	39	26	45	Day 7 h. 30 m. long; dec. 9 h. 6 m.					
				New ✕ in the Whale fou. at 9 at night.					

December hath xxxi Days.

Last Quarter *Thursday* the 5th day at 4 in the morning.
 New Moon *Thursday* the 12th day at 2 in the morning.
 First Quarter *Thursday* the 19th day at 9 at night.
 Full Moon *Friday* the 27th day at 4 afternoon.

	Holy Days, Terms, &c.	Moon rises.	Moon South.	Aspects and Weather.	Moon Place
1	 Advent-Sund.	7 a 11	2 m 46	Clear air,	3
2	M Sun rise 8 16	8 39	3 39	sharp frost.	16
3	T Sun set 3 43	10 6	4 32	* 2 ♂	0
4	W Twilight 2 11	11 33	5 20	Frosty air.	14
5	Th Cl. slow 4 m.	Morn.	6 8	☽ Perig. still	28
6	F Nicholas.	1 0	6 55	continues.	11
7	S Prs. Denm. b.	2 28	7 43	☽ 2 ♀	27
8	 S. in Advent.	4 3	8 34	☐ 2 ♀ Concep.	11
9	M Sun rise 8 18	5 28	9 28	Cold wind	25
10	T Sun set 3 42	6 55	10 26	with showers	9
11	W Day break	☽ sets	11 25	of rain, or	23
12	Th 6 m. after 6.	3 a 31	0 a 24	* ♂ ♀ snow.	7
13	F Lucia.	4 50	1 21		20
14	S Cl. fast 1 m.	6 15	2 15	Fair, fresh,	3
15	 S. in Advent.	7 25	3 5	and open	16
16	M O Sapientia.	8 50	3 49	weather.	28
17	T Sun rise 8 17	10 13	4 30	* 2 ♀	11
18	W Ember Week	11 21	5 9	Sharp frost.	23
19	Th Sun set 3 44	Morn.	5 47	☽ Apog.	4
20	F Day br. 6. 5.	0 30	6 25	☐ 2 ♂	16
21	S St. Thomas.	1 40	7 7	Cloudy and	28
22	 S. in Advent.	2 56	7 50	some rain.	10
23	M Sun rise 8 15	4 10	8 38	Dark, cloudy	22
24	T Sun set 3 46	5 28	9 29	☐ ☉ 2 wea-	5
25	W Christm. Day.	6 43	10 25	ther, with	18
26	Th St. Stephen.	7 50	11 23	storms of snow	1
27	F St. John.	☽ rises	Morn.	or cold rain.	14
28	S H. Innocents.	4 a 24	0 22		28
29	 S. aft. Christ.	6 5	1 18	Frosty air,	12
30	M Prs. Eliz. bo.	7 36	2 12	but fair and	27
31	T St. Vester.	0 10	2 2	clear.	11

morning.
morning.
ght.

Moon
Place

3 8
16
0 17
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Wing.	Days	Sat.	Jupit.	Mars	Venus	Merc.	☾
		♄	♃	♂	♀	☿	☾
December	1	12 57	0 31	29 31	23 56	1 52	29
1745.	6	13 17	1 36	2 [☿] 59	0 23	9 39	28
Planets true	11	13 31	2 38	6 55	6 25	17 17	28
Places to eve-	16	13 49	3 40	10 50	12 40	24 26	28
5th Day.	21	14 24	4 41	14 45	18 55	0 [☿] 20	28
	26	14 12	5 41	18 41	25 10	3 45	27

Sun's
Place.

Moon's
Declin.

Observations.

20	40	23	N 30	Mandibula south 9 h. 30 m. at night.
21	41	19	0	The Seven Stars so. 10 h. 12 m. at night.
22	42	13	24	Sirius south near 1 in the morning.
23	44	7	8	Fomahant south 5 h. 12 m. at night.
24	45	0	29	
25	46	6	S 15	Decl. of ♄ 4 ♂ ♀ ♁
26	47	12	41	Days { 1 28 58 19 35 21 36 17 22 25 32
27	48	18	30	
28	49	23	14	
29	50	26	37	Shortest Day 7 h. 24 m. decr. 9 h. 12 m.
30	51	28	25	Saturn Jupiter Mars Ven.
1	53	28	14	Rises Sou. Rises Sou. Sets Rises
2	54	26	23	1 m 49 7 m 33 6 m 28 10 m 35 6 a 38 2 m 31
3	55	23	14	11 5 8 6 51 5 56 10 6 5 37 2 7
4	56	19	5	21 5 27 6 9 5 25 9 25 5 43 2 47
5	57	15	6	Cambridge Term ends.
6	59	8	43	The Seven Stars south at 9 at night.
7	0	3	8	Head of Androm. so. 5 h. 20 m. in the even.
8	1	2	N 32	
9	2	8	4	

January 1746. New Style.

12	4	18	16	Day 7 h. 30 m. long. increased 6 m.
13	5	22	30	
14	6	25	49	A Year of Wonders we have passed o'er,
15	8	27	55	Yet still a Sea of Troubles are at Door;
16	9	28	31	The Heavens frown; I see a clouded Air,
17	10	27	25	I see the Stars for some great Work prepare;
18	11	24	36	Some petty Princes Downfall they foretell,
19	12	20	19	Nor can the Arts of France dissolve the Spell.
20	14	14	51	
21	15	8	35	

W I N G. 1745.

A TABLE of the Rising, Southing, and Setting
the *Pleiades*, or Seven Stars, for every Fifth Day
in the Year, of excellent Use to find the Hour
the Night.

Months & Days.	Rise.	South.	Sets.	Months & Days.	Rise.	South.	Sets.
	H. M.	H. M.	H. M.		H. M.	H. M.	H. M.
Jan. { 1 6 11 16 21 26	11 M. 39 11 17 10 56 10 35 10 15 9 55	7 A. 56 7 34 7 13 6 52 6 32 6 12	4 M. 13 3 51 3 30 3 9 2 49 2 29	Jun. { 1 6 11 16 21 26	11 A. 49 11 29 11 9 10 49 10 30 10 10	8 M. 6 7 46 7 26 7 6 6 47 6 27	4 A. 4 4 4 3 3 3 3 3 3 2 2
Feb. { 1 6 11 16 21 26	9 31 9 12 8 52 8 34 8 15 7 56	5 48 5 29 5 9 4 51 4 32 4 13	2 5 1 46 1 26 1 8 12 A. 49 12 50	Jul. { 1 6 11 16 21 26	9 48 9 29 9 10 8 52 8 34 8 16	6 5 5 46 5 27 5 9 4 51 4 33	5 2 4 2 3 1 2 1 1 1 0 0
Mar. { 1 6 11 16 21 26	7 45 7 27 7 7 6 49 6 31 6 13	4 2 3 44 3 24 3 6 2 48 2 30	12 19 12 1 11 41 11 23 11 5 10 47	Sep. { 1 6 11 16 21 26	7 54 7 36 7 18 6 58 6 40 6 22	4 11 3 53 3 35 3 16 2 57 2 39	11 0 10 0 11 M 11 11 10
Apr. { 1 6 11 16 21 26	5 51 5 33 5 14 4 55 4 37 4 17	2 8 1 50 1 31 1 12 0 54 0 34	0 25 0 7 9 48 9 29 9 11 8 51	Oct. { 1 6 11 16 21 26	6 4 5 45 5 26 5 7 4 48 4 28	2 21 2 10 1 43 1 24 1 5 0 45	10 10 10 9 9 9
May { 1 6 11 16 21 26	3 58 3 38 3 18 2 58 2 38 2 18	0 15 11 M. 55 11 35 11 15 10 55 10 35	8 32 8 12 7 52 7 32 7 12 6 52	Nov. { 1 6 11 16 21 26	4 4 3 43 3 23 3 1 2 40 2 18	0 21 A. 0 11 40 11 18 10 57 10 35	8 8 7 7 7 6
June { 1 6 11 16 21 26	1 54 1 32 1 12 12 A. 51 12 30 12 10	10 11 9 49 9 29 9 8 8 47 8 27	6 28 6 6 5 46 5 25 5 4 4 44	Dec. { 1 6 11 16 21 26	1 56 1 34 1 12 0 M. 50 0 28 0 6	10 13 9 51 9 29 9 7 8 45 8 23	6 6 5 5 5 4

W I N G.

A

PROGNOSTICATION,

For the Year of our

LORD GOD, 1745.

An Explanation of the Characters made use of in this Almanack.

The Seven Planets
and Five Aspects.

- ♄ Saturn
- ♃ Jupiter
- ♂ Mars
- ☉ The Sun
- ♀ Venus
- ☿ Mercury
- ☾ The Moon
- ♌ Conjunction
- ♍ Sextile
- ♎ Square
- ♏ Trine
- ♐ Opposition

Aspects.

The Twelve
Signs.

- ♈ Aries
- ♉ Taurus
- ♊ Gemini
- ♋ Cancer
- ♌ Leo
- ♍ Virgo
- ♎ Libra
- ♏ Scorpio
- ♐ Sagittary
- ♑ Capricorn
- ♒ Aquarius
- ♓ Pisces

LANDS Surveyed, and MAPS of the same curiously drawn; Designs and Estimates for Buildings or Repairs made and calculated; Artificers Work inspected and measur'd; also Timber and Pole-Wood Survey'd, Valu'd, and Sold, by TYCHO WING of *Pickworth* in the County of *Rutland*

L O N D O N: Printed by *W. Botham*, for the Company of STATIONERS.

Wing 1745.

A Compendious Chronology of Memor-
Things since the Creation to this pre-
Year.

A.P.J.	before Christ	
710	4004	The Creation of the World
1766	2948	Noah Born
2366	2348	Noah's Flood began
2481	2233	The Babylonian Monarchy established
2718	1996	Abraham born
2986	1728	Joseph sold into Egypt
3143	1571	Moses born
3223	1491	The Israelites Departure out of Egypt
3530	1184	Troy taken and destroy'd by the Greeks
3710	1004	Solomon's Temple built and dedicated
4126	588	Jerusalem and the Temple destroy'd
4176	538	Daniel delivered from the Den of Lions
4198	516	The Temple of Jerusalem rebuilt
4391	323	The Death of Alexander the Great
4710	4	The true Year of Christ's Birth
4714	0	The vulgar Year of Christ's Birth

A.D.

33	The Passion and Resurrection of Jesus Christ
70	Jerusalem and the Temple destroyed by Titus
100	St. John, the last of the Apostles, dies, Dec. 20.
313	Christianity triumphs under Constantine
476	Augustulus the last Roman Emperor deposed
606	The wicked Phocas makes Pope Boniface Head of the Church
608	Mahomet broaches his Imposture at Mecca
872	Italy and Rome plundered by the Saracens
1012	Swain King of Denmark conquers England
1066	William Duke of Normandy conquers England
1110	Arts and Sciences taught in Cambridge
1119	The first War between the French and English
1300	The Mariners Compass invented
1330	The Canaries discovered by an English Ship

Wing 1745.

	Years since.
Gunpowder and the Use of Guns first found out	365
Constantinople taken from the Christians	292
The Persians conquer'd by Tamerlane	282
Rome plunder'd by the Duke of Bourbon	245
Martin Luther first disputed against Popery	228
England separated from the Church of Rome	209
The Spanish Armado defeated by the English	157
Q. Eliz. dies, March 24, and K. James I. began	142
Died of the Plague in Lond. in 2 Years 68,596	141
Gunpowder 'Treason, Nov. 5.	140
The New River Water brought to London	132
The excellent Sir Walter Raleigh beheaded	127
K. James I. died. K. Charles I. began, Mar. 27.	120
35,417 Persons died of the Plague in London	120
The cruel Irish Massacre began, October 23.	104
Burleigh-house storm'd by Cromwel, July 24.	102
K. Charles I. barbarously murdered, Jan. 30.	96
King Charles II. restored, May 29.	85
68,586 Persons died of the Plague in London	80
London burnt, and a great Sea-Fight with the Dutch	79
War declared against the Dutch, March 17.	73
A great Snow for 11 Days together	71
The Town of Northampton burnt, Sept. 3.	70
A great and splendid Comet appeared	65
The great Frost that held 13 Weeks	61
K. Cha. II. died, Feb. 6. and K. James II. began	60
The Duke of Monmouth beheaded, July 15.	60
Seven Bishops sent to the Tower, June 8.	57
King James II. abdicated, December 12.	57
K. William and Q. Mary crown'd, April 11.	56
The French Fleet intirely defeated by the English	53
Whitehall Palace intirely destroyed by Fire, except the Banqueting-House.	47
K. William died, March 8, and Q. Ann began	43
Q. Ann proclaimed War against France, May 4.	43
A great and terrible Wind, Nov. 26, and 27.	42

Wing 1745.

A.D.

- 1704 *Gibraltar* taken by the *Engliſh*
- 1707 *England* and *Scotland* united, *May 1.*
- 1709 *Sacheverel* preached his ſeditious Sermon, *Nov. 5.*
- 1710 Riots and great Diſturbances in *England.*
- 1714 *Q. Ann* died, *Aug. 1.* and *K. George I.* began
- 1715 A famous Total Eclipse of the ☉ in *England,*
April 22. in the Morning
- 1715 A Rebellion in *Scotl.* and *Lancaſhire* ſuppreſſ'd
- 1716 A great Froſt in the Beginning of this Year
- 1718 The *Spaniſh* Fleet deſtroy'd by Admiral *Byng,*
near *Syracuse,* *July 31.*
- 1719 A ſurprizing Meteor ſeen, *March 19,* at 8 at
Night
Mr. *Flamſtead,* a celebrated Aſtronomer, died
December 31.
- 1726 The incomparable *Sir Iſaac Newton* died *Mar. 28.*
- 1727 *K. George I.* died, *June 11,* and *K. George II.*
began
- 1734 The Prince and Princeſs of *Orange* married,
March 14.
The Battle of the *Breeches* in *Italy,* *Sept. 4.*
- 1736 The Prince and Princeſs of *Wales* married, *Ap. 27.*
- 1739 Letters of Marque published in *London* againſt
the *Spaniards,* *July 16.*
- 1739 Adm. *Vernon* ſails for the *West-Indies,* *July 20.*
- 1739 War declared by *Great Britain* againſt *Spain,*
October 23.
- 1739 *Porto-Bello* taken and deſtroy'd by Admiral
Vernon, *Nov. 22.*
- 1740 Fort *Chagre* taken and deſtroy'd, *March 24.*
- 1740 A very ſevere Froſt from *Dec. 25.* to *Feb. 27.*
- 1742 A Comet appeared from *Feb. 18.* to *Mar. 14.*
A Conjunction of ♀ and ♃ *Aug. 18th* in ♎
- 1743 A Splendid Comet appeared from *December 23.*
to *February 18.* in ♊.
- 1744 *March 4.* *France* declared War againſt *England,*
and *March 31.* *England* declared War againſt
France.

Wing 1745.

An Account of the ECLIPSES, and other
Astronomical Appearances, in the Year 1745.

THERE will be only two Eclipses this Year, and
they both of the Sun, and invisible.

The first is on *Friday* the 22d Day of *March*, 10 min. after
the Morning, and will be a great and formidable Eclipse
in the Eastern Parts of the World.

The other Eclipse falls on *Saturday* the 14th Day of *Sep-
tember* at 39 minutes past 4 in the Afternoon, and will be
a Partial and Total Eclipse in *America*, and visible in most
of the Western World. But, by reason of the Moon's
Parallax in Altitude, at that time her whole Disk will
be to us depressed entirely below the Sun's Southern
Limb, and consequently there will be no Contact, or visible
Proximity, to the Inhabitants of the *British* Isles.

An Account of all the visible Eclipses that will happen
in *England*, for five Years next to come, with the times and
Quantity of their greatest Obscuration.

August 19 Day at 52 minutes past 11 at night the
Moon will be eclipsed 6 digits 18 min.

February 14. at 34 min. after 4 in the morning the
Moon will be totally eclipsed, and will continue so,
for the space of one Hour 25 minutes.

On *Thursday* the 14th Day of *July*, at 34 minutes
past 10 in the morning, the Sun will be 10 Digits
eclipsed; the Light remaining will be only a small
Verge on the Sun's lower Limb. This will be the
greatest Eclipse of the Sun, that will happen in
England, for some Years to come.

July 28. Day, at 23 min. past 11 at night, the Moon
will be $5\frac{1}{2}$ Digits eclipsed.

December 12 Day, at 3 min. past 8 at night, the Moon
will be 5 Digits eclipsed,

December 28 Day, at 8 minutes after 9 in the morn-
ing, the Sun will be almost 7 Digits eclipsed on its
lower side; the Eclipse begins before the Sun rises.

June 8 Day, at 17 min. past 8 at night the Moon will
be totally eclipsed, and continue so 1 h. 25 m.

December 2 Day, at 38 min. past 5 in the morning
the Moon will be again totally eclipsed and continue,
so 1 h. 40 m.

Wing 1745.

III. A Table of the Eclipses of Jupiter's first Moon the Year 1745.

Immersion.			Immersion.			Emerfions.			Emerfions.		
January.			March.			May.			July.		
D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
1	7	18	2	11	21	1	17	48	2	16	2
3	1	46	4	5	50	3	12	17	4	10	5
4	20	14	6	0	19	5	6	45	6	5	1
6	14	41	7	18	48	7	1	13	8	23	4
8	8	9	9	13	17	8	19	42	9	18	1
10	3	37	11	7	45	10	14	10	11	12	4
11	22	5	13	2	14	12	8	39	13	7	1
13	16	33	14	20	43	14	2	5	15	1	4
15	11	1	16	15	12	15	21	36	16	20	1
17	5	29	18	11	41	17	16	6	18	14	3
19	0	0	20	4	10	19	10	33	20	9	
20	18	25	21	22	39	21	5	1	22	3	3
22	12	53	23	17	8	22	23	29	23	22	
24	7	21	25	12	47	24	17	58	25	16	
26	1	49	27	6	6	26	12	26	27	11	
27	20	17	29	0	35	28	6	54	29	5	
29	14	45	30	19	6	30	1	23	31	0	
31	9	14	April.			31	19	51	August.		
February.			1	13	33	June.			1	18	
2	3	42	3	8	2	2	14	20	3	12	
3	22	10	5	2	31	4	8	48	5	7	
5	16	39	6	21	0	6	3	16	7	1	
7	11	7	8	15	29	7	21	44	8	20	
9	5	36	10	9	58	9	16	12	10	14	
11	0	5	12	4	27	11	11	41	12	9	
12	18	33	13	22	56	13	4	9	14	3	
14	13	2	15	17	25	15	23	37	15	22	
16	7	31	17	11	53	16	18	5	17	16	
18	1	59	18	0	4	18	12	34	19	11	
19	20	28	Emerfions.			20	6	2	21	5	
21	14	57	19	8	27	22	1	30	23	0	
23	9	26	21	2	46	23	19	59	24	18	
25	3	54	22	21	25	25	14	27	26	18	
26	22	23	24	15	54	27	8	56	23	7	
28	16	42	26	10	22	29	3	24	30	2	
			28	4	51	30	21	53	31	20	

Immersion
December

H. 15
19 4
4 1
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17 1
11 4
6 1
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13 3
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Wing 1745.

Immersions.	Emersions.	Emersions.	Immersions.
September.	September.	October.	December.
H. M.	D. H. M.	D. H. M.	D. H. M.
15 15	22 2 37	9 19 28	8 21 18
19 45	23 21 6		10 15 45
4 14	25 15 35	November.	12 10 13
22 43	27 10 5	5. 6 0 4.	14 4 40
17 13	29 4 33		15 23 8
11 42	30 23 3	Immersions.	17 17 36
6 11	October.	28 6 32	19 12 3
0 40	2 18 32	30 1 0	21 6 30
19 9	4 12 1	December.	23 0 58
13 38	6 6 30	1 19 27	24 19 26
8 8	8 0 59	3 13 55	26 13 53
		5 8 22	28 8 21
		7 2 50	30 2 49
			31 21 16

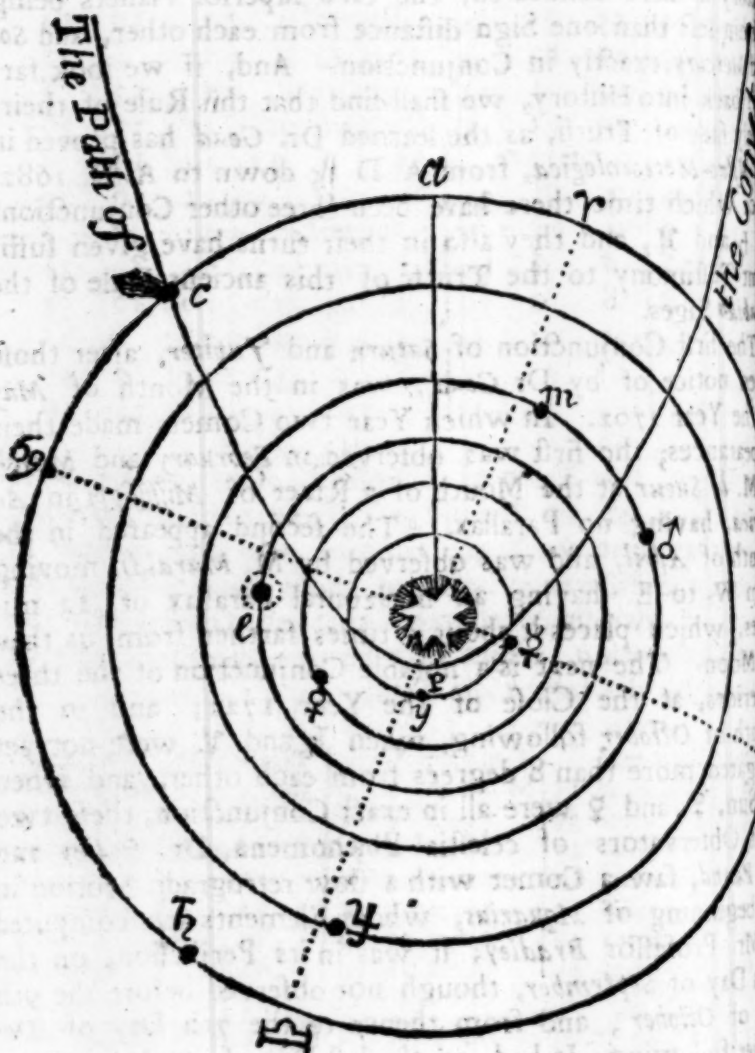
Use of this Table of Eclipses.] Observe the exact
 ent time of an Eclipse of *Jupiter's* first *Satellite*,
 are that time with the time of the same Eclipse in
 Table, the difference between those two times is the
 of Meridians between that of *London*, and the
 of Observation, which may be turned into degrees of
 itude, by the following Table.

Deg.	Time. = °	Time. = °	Time. = M.	Time. = M.
15	Min. 1 = 0 15	Min. 8 = 2 0	Sec. 4 = 1	Sec. 3 = 8
30	2 = 0 30	9 = 2 15	8 = 2	3 = 9
45	3 = 0 45	10 = 2 30	12 = 3	4 = 10
60	4 = 1 0	20 = 5 0	16 = 4	44 = 11
75	5 = 1 15	30 = 7 30	20 = 5	48 = 12
90	6 = 1 30	40 = 10 0	24 = 6	52 = 13
&c.	7 = 1 45	50 = 12 30	28 = 7	56 = 14

this Table it appears, that 15 Degrees is equal to 1
 , and that 15 Minutes of the Equator is equal to
 minute in time, and 1 Minute of the Equator equal to 4
 nds in time, &c.

Wing 1745.

IV. The Path of the late Comet, with the Places of the other Planets, on the 23d Day of December 1743, when the Comet entered the Planetary System.



In my Almanack 1743, I introduced a short Discourse relating to Comets, on account of one that appeared in January and March 1742, and there took notice that it was

Wing 1745.

Observation of the Ancients, and a Rule laid down by them, Comets usually make their Appearances under a Conjunction of Planets, especially of the superior Planets; which excellent Observation of theirs was verified by the Appearance of that Comet, as also the last splendid one whose Trajectory is here delineated, the two superior Planets being within less than one Sign distance from each other, and *Sol* & *Mercury* exactly in Conjunction. And, if we look far back into History, we shall find that this Rule of theirs fully fails of Truth, as the learned Dr. *Goad* has proved in *Astro-Meteorologica*, from A. D. 15 down to A. D. 1682, in which time there have been three other Conjunctions of ♄ and ♅ , and they also in their turns have given sufficient Testimony to the Truth of this ancient Rule of the Arabian Sages.

The first Conjunction of *Saturn* and *Jupiter*, after those given notice of by Dr *Goad*, was in the Month of *May* the Year 1702. In which Year two Comets made their appearances; the first was observed in *February* and *March* M. *le Sueur* at the Mouth of a River of *Mississippi* in *America*, having no Parallax. The second appeared in the Month of *April*, and was observed by M. *Maraldi*, moving from W. to E. having an horizontal Parallax of 13 minutes, which places it about 5 times farther from us than the Moon. The next is a notable Conjunction of the three superiors, at the Close of the Year 1722; and in the Month of *October* following, when ♄ and ♅ were not yet separated more than 8 degrees from each other, and when *Sun*, ♀ , and ♁ were all in exact Conjunction, these two great Observators of celestial Phenomena, Dr. *Halley* and *J. Pound*, saw a Comet with a slow retrograde Motion in the beginning of *Aquarius*, whose Elements are computed by Mr. Professor *Bradley*; it was in its Perihelion, on the 10th Day of *September*, though not observed before the 9th of *October*; and from thence to the 7th Day of *December* following: It had, on the last Day of its Appearance, performed a 60th Part of the Motion (says Father *Regnault*) which it must have had in its Perigeon. The next and last Conjunction of the superior Planets ♄ and ♅ was towards the latter End of *August* 1742, and on the 18th Day of *February*, the same Year, a Comet was seen in its Ascent from

from the Sun, *Saturn* and *Jupiter* being then but 12 Degrees distant from each other. Since then, we have had another Comet much more remarkable and splendid than the former, and how the Planets were all of them posited at the time, when it made its first Appearance, you may see in the preceding Scheme of the Solar System adjusted to that time. In which Scheme, all the Primary Planets are stationed in their own Orbits, and distinguished by their proper Characters; *Mercury* appears to lie in the Way of the Comet, and *Mars* very near it, so that both of them seem to be in Danger of receiving a Shock by the Comet in its Ascent from the Sun; but to obviate this we may observe that when δ and ϵ are in those Parts of their Orbits, the Comet is but just entering the Planetary System at C, and before it arrives to its Perihelion at p, *Mercury* will be mov'd backwards to y, and *Mars* forwards towards a besides, the Comet does not move in the Plane of the Ecliptic, but its Orb inclines thereto in an Angle of more than 40 Degrees, and has the Node of its Orbit much nearer the Sun than *Mercury* himself is, on which Account a great Disturbance can be given to any of the Planets from this Comet passing by their several Orbits.

The earliest Account, we have of this Comet being seen in England, was about the 23d Day of December in the Evening, when it appeared like a Star of the 4th Magnitude but very obscure, with a very small Tail; it was then about 15 Deg. of *Aries*, with 18 Deg. North Latitude, moving retrograde with a very slow Motion, its tail vastly increasing; on the 29th of *January*, the tail appeared to be about 20 Degrees in length, and the Comet to quicken much in its motion towards the Sun, and was larger than a Star of the first Magnitude; on *February* the 9th, it appeared very splendid and larger than *Jupiter*; on the 20th of *February* about half an hour before the Comet set, the Head of it being covered with a Cloud, and the *Expansum* above in which, the way of its tail being very clear, it evidently appeared to be 50 or 60 Degrees in length, though no farther Appearance of its tail was seen afterwards.

This Comet is computed to be about the Bigness of our Earth, and on the 23d Day of December to be about 80 Millions of Miles from it; though its apparent Motion was

slow, yet its real Motion in its own Orbit was prodigious
 it, not less than thirteen Millions of Miles in a Day; and,
 when in its Perihelion, its Motion was not less than ten
 thousand Miles in a Minute, a Rapidity much exceeding that
 of Lightning itself.

That Comets are hard, compact, and almost incorrupti-
 ble Bodies, is evident from their preserving the Matter of
 which they are formed, from being dissipated into Fumes
 and Vapours, by the prodigious Heat which puts all its Parts
 in perpetual Fusion. Their tails are only a thin Vapour, or
 column of emanating Fire darted with impetuous Rapidity
 from the Head or *Nucleus* of the Comet, as it becomes more
 and more heated, in approaching that immense Fountain of
 Light and Heat, the Sun.

As to the Use of Comets, all our Modern Philosophers
 are greatly divided in their Opinions; but, as I have not
 room to enumerate one half of them, I shall content my-
 self with declaring that of *Sir Isaac Newton* only. That
 wonderful Man, thinks, 'tis not unlikely, but that the Va-
 pour which composes the tail of a Comet, by being perpe-
 tually rarefied and dilated, may at last be dissipated and scat-
 tered through the whole Heavens, and, by little and little,
 be attracted towards the Planets by its Gravity, and mixed
 with their Atmospheres, and so contribute to the Conser-
 vation of the Seas, and supply the Wastes of Planetary
 sides, spent upon Vegetation and Putrefaction: He also
 expects, that 'tis chiefly from the Comets, that we have
 that most subtile and useful Part of our Air, so necessary
 to preserve the Life of all things with us. And as to the
 uses of Comets, he thinks, they may sometimes fall in-
 to the Sun, and so afford a new Supply of Fire; and that
 old Stars, that have been gradually wasted by the Light and
 vapours emitted from them for a long time, may be recruit-
 ed by Comets that fall upon them, and, from this fresh
 supply of new Fuel, those old Stars, acquiring a new Splen-
 dor, may pass for new Stars.

The sagacious *Kepler* says, Comets were ordained to
 purge the celestial Air, lest the Sun should be obscured,
 partly he was, in *April 1547*, and for almost a whole
 year together when *Julius Caesar* was slain; this great Man
 ascribed to shew the Signification of the Comet in 1607,

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unto which he attributes Drought, Scarcity of Corn, and many other Evils; adding withal, that the wisest Historians and Philosophers testify, that Infelicities and Miseries have always succeeded Comets. And as to the learned Sages before Kepler's time, they all with one Voice declare, *Nullus Cometis, qui malum nullum ferat.*

*A Blazing Comet does sad Fate portend,
Heaven Kingdoms sell, by such a Candle's End.*

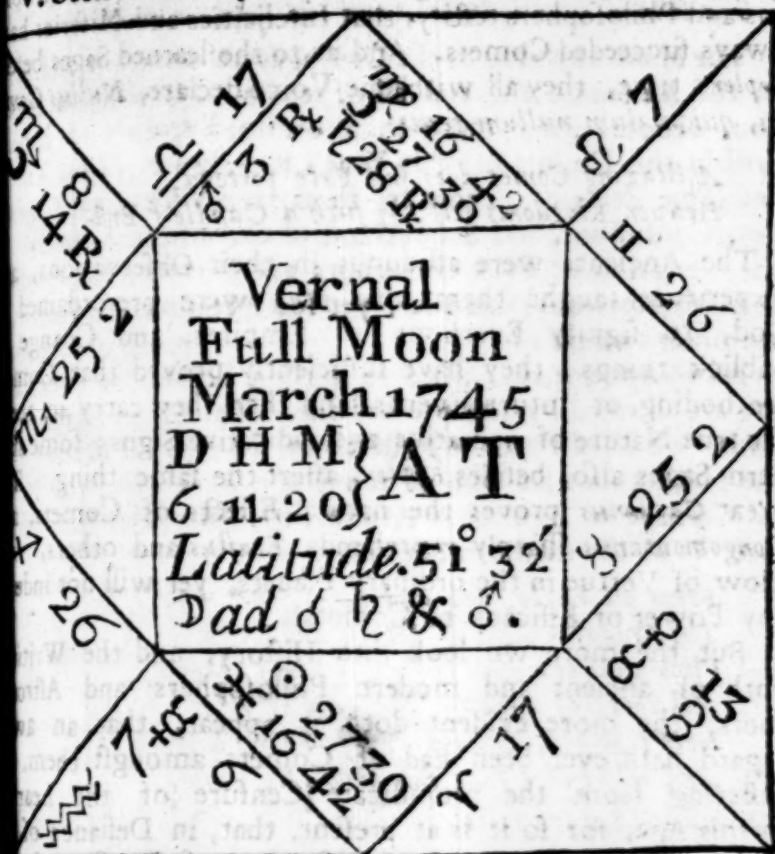
The Ancients were assiduous in their Observations, and Experience taught them that they were pre-ordained by God, to signify Eversions of Empires, and Change of publick things; they have sufficiently proved that Comets are boding of future Events, and that they carry in themselves the true Nature of operative and indicative Signs; some modern Sages also, besides Kepler, assert the same thing. The great Cardanus proves the natural Effects of Comets, and Longomontanus sharply reprehends Erasmus and others, who allow of Vertue in the ordinary Planets, yet will not impute any Power or Efficacy to Comets.

But the more we look into History, and the Writings both of ancient and modern Philosophers and Astronomers, the more evident doth it appear, that an aversion hath ever been had of Comets amongst them, differing from the prejudicate Censure of the Learned in this Age; for so it is at present, that, in Defiance of the Nature of things, the clear Discovery of Reason, the divine Testimony of Scripture, and a Cloud of human Testimonies, yet they are resolved to maintain their ground, in order to that, they discharge with great Malignity the Cavils against this Doctrine, with a View to be sure to deter others from embracing so splendid a Truth.

*When fiery Comets to these Nations rise,
And splendid Lightning gilds the upper Skies;
When round their Vortex they in Fury roll,
They fright with dire Alarm each guilty Soul;
As Omens sure of a labouring State,
Of bloody Battles, and a hostile Fate.
They shake with dreadful Awe the pond'rous Mass,
And Desolation make, where once blest Order was.*

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V. Observations upon the four Quarters of the Year.



Of the Spring Quarter.

This Quarter begins on *Saturday March* the 9th Day about noon, but, for Reasons which I have formerly given, I shall pay a more especial regard to the time of the Lunation immediately preceding this Ingress, as a principal Basis to raise Argument upon for this Year's Revolution, when the Places of all the Planets and Cusps of the Houses are as represented in the Scheme above.

In which are Positions of eminent Portents that will be attended with Effects suitable to their Natures, and raise the Attractions and Ferments already begun in Europe and other parts of the World to their height of Malignity.

Long wish'd for Peace is not yet to be found,
No such ripe Fruit grows on European Ground;
Such Seeds of Discord does Ambition sow,
No Peace can be expected where they grow;

Tho'

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*The' some may strive to heal the festring Sore,
The Wound grows deeper, and the Danger, more.*

The Moon applying to the Conjunction of *Saturn* and *Mars* in the *Medium Caeli*, and all of them in Opposition to the Sun, denotes some more than ordinary Events to happen within the Circuit of this Year's Revolution: *Italy*, *Spain*, and some Parts of *France* are threatened with great Calamities, Confusions, and Subversions of Government, and, altho' the Alteration of their Governors and Government may not be fully compleated this Year, yet some considerable Advancements are made towards it.

All things are established in certain Periods of time, and we are all ruled by the pre-ordained Counsels of impending Fate; we have seen the Funerals of the greatest Monarchs, the posthumous Rubbish of moulder'd Cities, and the dreadful Carnage of numerous Armies, the Effects of the rash Decrees of the stubborn Destinies.

*From all Parts, Sea and Land, methinks I see
The dreadful Signs of Death and Destiny;
View well the Rays the angry Stars prepare,
All Sorts of Cruelty, the Rage of War.
Here's Anger, Discord, Fury, Fear, Mistake,
And all besides that can Man's Ruin make.*

Mars and *Saturn* reiterate their Conjunction before the End of this Quarter, hence we may expect their malignant Qualities will be the more powerful; *Virgo* the Sign in which they celebrate both their Meetings is reckon'd a human Sign, therefore their Effects will operate most upon Men and Actions of man, and, being both of them retrograde, their Influences will be of the longer Continuance; *Virgo* is accounted the Horoscope of *France*, therefore that Nation will be more eminently concerned in the dire Effects thereof than any other in *Europe*: it will suffer many strange and admirable Mutations, Sorrows and Miseries will be multiplied upon them, Mutinies, Desertions, Sicknes attend their Armies, Divisions, Heats, and Controversies their Councils, and Fire, Famine, and mortal Diseases afflict their Cities and great Towns.

Of the Summer Quarter.

This Quarter commences on *Monday*, the 10th Day of *June*, about 11 in the Morning; it is an active and

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Ingress, and will contribute to help on the Effects of
ner Configurations; the hostile Quadrare of the Sun and
in the Neighbourhood of *Saturn*, is of a pestiferous and
fic Signification.

Of the Autumnal-Quarter.

The Autumnal Quarter begins on *Wednesday* the 11th Day
September at 17 Minutes after Midnight, when the Sun
Saturn are in Conjunction in the beginning of *Libra*,
the Moon and *Venus* in the last Decads of *Leo* in Square
Mars and *Jupiter*; all melancholy Positions, and will have
melancholy Effects.

Of the Winter-Quarter.

The Winter Quarter begins on *Tuesday* the 10th Day of
ember, at 45 minutes after three in the Afternoon; the
is departing from the Conjunction of *Jupiter* and *Ve*
and applying to the Sextile of *Saturn*, in 13 Degrees of
Saturn and *Mercury* being in Square from Cardinal
s. Here are some things of a pleasant and peaceful Na
others of a rugged Import, but the hostile Aspects of
and ♂ do ever frustrate the more benevolent ones of ♀
♀, for the time they are predominant.

A Summary View of the Year 1745.

some of my former Almanacks, I have expressed my
with regard to this present Year, as one that would be
ductive of very extraordinary Events; since then, a splen
Comet has made its descent into these Regions, which
we consider as concurring in its Signification with the
esses and other Phænomena before taken notice of, we
with greater Certainty expect some remarkable Revolu
and Alterations this Year, in Mundane Affairs.
the Eastern Parts of the World, a Nation or Country
being swallowed up more fatally than *Jonas* in the
Belly; the *Turks* are eminently pointed at by these
Messengers, War and Desolation invade their Ter
ries; perhaps some Dawn may now appear of the *Jews*
oration, for we are assured that God will have Mercy
and again take into his Favour, those his ancient People,
re-establish them in their own Land, and fulfil his gracious
Promise

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Promise to them, in convincing them, that they have already crucified their Messiah, which they yet expect: But, before he can return into *Judaea*, the *Ottoman Empire* must be weakened, and *Antichrist* must be destroyed; both which extraordinary events seem to be near at hand. *France* and *Italy*, more especially *Lorrain* and *Naples*, will suffer great and remarkable Reverses. New Troubles and Misfortunes arise in the North: The King of *P.* will suffer either by Sickness or some other Calamity, but however, he will gain some military Honours and Advantages this Year. *Flanders* and some Parts of *Germany* are threatened with War, Blood, and Desolation. The House of *Austria* will recover much from her hereditary enemies, but not wholly her former Lustre. A great General stoops to Fate. Death alone convinces us that all is Vanity. In *Holland* their Affairs are mightily perplexed. The Emperor gains some eminent Advantage by the Acquisition of new Friends. The Affairs of *Poland* and *Sweden* are at a low Ebb. Those of *Denmark* and *Russia* are peculiarly circumstanced. Some Losses or Misfortunes seem to threaten his Majesty of *Portugal*. *Spain* is not yet past the Trench of her ill Fortune, one Loss comes upon the Back of another, which at last brings her to Reason and paves the Way to Peace. In this time of general Complaints, we must not think *Great Britain* is privileged from Misfortunes; something she will suffer from the Insults of her Enemies, and the Perfidy of pretended Friends, but will before the End of the Year triumph over both by a glorious Military Exploit.

Nations in Trouble, like to Ships distress'd,
Often by those should help them are oppress'd.
Those who with Hands unbrib'd, and Heart sincere,
Twixt Prince and People in a Medium steer,
Preserve that Balance which support the State,
And make the People safe and Monarch great.
But those, who live on Wrecks, calm Weather hate,
Because they gain most when the Storm is great.

Pickworth, July 17, 1744.

T. W.

F I N I S.